

A Record of *Gerania boscii* (Fabr.) in North Thailand (Coleoptera, Cerambycidae)

(figs. 1-4)

Muhabbet Kemal Ahmet Ömer Koçak

Within the frame of the Cesa Project entitled *Entomofauna of Old World* (EOW)¹, the following information is evaluated. The following field records on the species of *Gerania boscii* (Fabricius) from North Thailand were made by the authors in May of 2006. Specimens were recorded in Chiang Mai 380m, on 1st May.



Fig. 1- *Gerania boscii* at rest. Thailand, Chiang Mai, 380m 1. 5. 2006 photo M Kemal & leg (Cesa)

¹ Announcement of Entomofauna of Old World.- *Cesa News* 31: 8.



Fig. 2- *Gerania boscii* at rest. Thailand, Chiang Mai, 380m 1. 5. 2006 photo M Kemal & leg (Cesa)

This species was described by Fabricius in 1801 as "*Saperda boscii*" from Java (Indonesia) (**Fig.3**), but its range extends to Thailand (Doi Saket), Laos, Malaysia, and Japan. Currently the species is placed in the genus *Gerania* Audinet-Serville, 1835 (Annls Soc. ent. Fr. 4: 70-71) (**Fig. 4**).

HABITAT IN HORTA ZEALANDIA. MUS. D. BOSE.
 36. *S. cinerea*, thorace elytrisque nigro-punctatis. *Boscii*.
 antennis longis.
 Habitat in Iaua. Mus. D. Bose.
 Corpus medium. Antennae corpore duplo longiores, nigrae. Caput cinereum, macula verticali nigra. Thorax rotundatus, muticus, laete cinereus, punctis nigris dorsalibus tribus 2. 1. baseos maiori, transverso lateralibusque vtrinque tribus. Elytra laevia, laete cinerea, punctis
 X 2

Fig. 3 - Original description of "*Saperda boscii*" by Fabricius, 1801, *Systema Eleutheratorum* 2: 323, nr.36.

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<p>du vertex; de onze articles: le premier très-allongé, cylindrique, peu en massue; le second extrêmement court, cyathiforme; les suivants grêles, cylindriques, allongés; le troisième fort long; le onzième peu allongé dans les femelles, très-long dans les mâles.</p> <p>Corselet mutique, cylindrique, un peu rétréci antérieurement, plus long que large; son disque uni.</p> <p>Annus des femelles saillant au-delà de l'abdomen.</p> <p>Palpes courts.</p> <p>Mandibules courtes.</p> <p>Tête étroite, face à peine bombée, verticale.</p> <p>Yeux de grandeur moyenne.</p> <p>Elytres longues, linéaires, fortement tronquées au bout; angles de cette troncature plus ou moins épineux.</p> <p>Ecusson en triangle curviligne, un peu arrondi et un peu relevé postérieurement.</p> <p>Pattes de longueur moyenne, égales; cuisses un peu en massue allongée.</p> <p>Tarses antérieurs élargis et houppeux dans les mâles.</p> <p>M. Lacordaire a observé que les Colobothécés sont très-agiles, et qu'on les trouve toujours sur le tronc des arbres.</p>	ESPÈCES.	<p>Antennes glabres, sétacées, grêles, très-grandes, distantes à leur base, plus longues que le corps dans les femelles, ayant le double de sa longueur dans les mâles; de onze articles: le premier renflé, allongé, presque cylindrique; le second petit; les suivants allongés, cylindriques; le troisième le plus grand de tous.</p> <p>Corselet mutique, cylindrique, assez court, guère plus long que large.</p> <p>Tête petite, de la largeur du corselet; sa face bombée.</p> <p>Pattes grêles, d'une longueur remarquable, surtout dans les mâles; cuisses minces, cylindriques, presque aussi longues que les jambes, et guère plus épaisses qu'elles; celles-ci allongées, presque cylindriques, un peu élargies à l'extrémité, ni cambrées, ni tuberculées.</p> <p>Palpes courts.</p> <p>Mandibules peu saillantes.</p> <p>Elytres presque linéaires, convexes, plus larges que le corselet à leur base, tronquées droit à l'extrémité.</p> <p>Ecusson petit, semi-circulaire.</p> <p>Yeux grands, arrondis, réniformes, peu saillants.</p>	ESPÈCE.
<p>1. <i>Colobotheca Cassandra</i>. — <i>Saperda Cassandra</i>, DALM. <i>Analect. Entom.</i>, pag. 70, n° 61. — <i>Colobotheca albomaculata</i>, DEJ. <i>Catal. Du Brésil</i>.</p> <p>2. <i>Colobotheca contaminata</i>, NOB. <i>Encycl. méthod.</i> tom. X, pag. 337, n° 1. De Cayenne.</p> <p>Etc.</p>	Genre XXXV. *GÉRANIE, <i>Gerania</i> .	<p>1. <i>Gerania Boscii</i>. — <i>Saperda Boscii</i>, FAB. <i>Syst. Eleut.</i> tom. 2, pag. 323, n° 36. De Java.</p>	Genre XXXVI. GNOME, <i>Gnoma</i> . FAB.
<p>(γερανία, GRÆC.)</p> <p>Corps convexe en dessus, médiocrement allongé, ailé.</p>		<p>Corps convexe en dessus, allongé, pubescent, ailé.</p> <p>Antennes sétacées, glabres, un peu distantes à leur base, de la longueur du corps dans les femelles, plus longues que lui dans les mâles; de onze articles cylindriques: le</p>	

Fig.4 - Original description of the genus *Gerania* by Audinet-Serville in 1835, *Annls Soc. ent. Fr.* 4: 70-71, based upon a single species "*Saperda boscii*" by Fabricius (1801) from Java.

Literature

Audinet-Serville, J.G., 1832-1835, Nouvelle classification de la famille des Longicornes (Prioniens, Cerambycins, Lamières). *Annls Soc. ent. Fr.* (1832) 1: 118-201; 443; *ibid.* (1833) 2: 528-573; *ibid.* (1834) 3: 5-110; *ibid.* (1835) 4: 5-100, 197-228.

Ek-Amnuay, P., 2002, Beetles of Thailand 408pp. Bangkok.

Fabricius, J. C., 1801, *Systema Eleutheratorum secundum ordines, genera, species; adjunctis synonymis, locis, observationibus, descriptionibus*. 1: xxix+1-506pp., 2: 1-687pp. Kiliae.

Cicindela (Cosmodela) aurulenta Fabr. in North Thailand (Coleoptera, Cicindelidae)

(figs.5-8)

Muhabbet Kemal Ahmet Ömer Koçak

It is perhaps the fiercest insect living on the ground. Any other insects meeting it cannot escape from the attack of its sharp mouth. Its imagoes usually appear on the ground. When confronted with danger, it flies for a short while. Its body length is about 15-20mm, and its colour is dark blue and green, which can appear in rainbow colors like red and yellow under the light from different angles. It dwells in the vast woods, trails, and riverbed etc.

Within the frame of the Cesa Project entitled *Entomofauna of Old World* (EOW)², the following information is evaluated. The following field records on the species of *Cicindela aurulenta* Fabricius, 1801 (*Cicindelidae*) from North Thailand were made by the authors in March and April of 2006. The species *Cicindela (Cosmodela) aurulenta* Fabricius recorded in Chiang Mai (23 4 2006) and Phayao (21 3 2006) were observed on the ground.

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labioque-nigris. Thorax cupreo-nitidus. Elytra laevis, nigra, punctis duobus parvis marginalibus albis. Corpus cyaneum, nitidum.

36. *C. cyanea*, nitida, elytris punctis duobus nigris. *apunctata*.

Habitat in lava. Muf. D. Bosc.

Media. Caput cyaneum, nitidum, labio linea media albida. Thorax rotundatus, cyaneus, viridi parum nitens. Elytra punctata, cyanea, nitida, punctis duobus, pone medium 1. 1. nigris. Corpus et pedes cyanea.

37. *C. viridi-aenea*, elytrorum disco obscuriore: *opunctata*, punctis tribus albis simplicibus. Ent. syst. 1.

175. 25.

Oliv. Inf. 33. tab. 1. fig. 6.

Herbst. Arch. tab. 46. fig. 1.

Habitat ad littora Malabarica. Dom. Drury.

38. *C. cyaneo auroque variegata*, elytris punctis *aurulenta*, quatuor albis: intermedio lunato.

Habitat in Sumatra. Dom. Daldorff.

Statura omnino praecedentis, cuius varietatem olim credidi. Palpi aenei. Os albidum, mandibulis apice nigris. Antennae basi cyaneae, apice fuscae. Caput obscurum, lineolis duabus baseos cyaneis. Thorax aureus, lateribus lineaque dorsali cyaneis. Elytra fusca basi parum futuraque aureis punctis quatuor albis, baseos humerali, tertio lunato, maiori. Corpus cyaneum,

This species was described by Fabricius, 1801 (*Syst. Eleuth.* I: 239) from Sumatra (Indonesia) (Fig.5).

The species is currently placed either in the nominate genus *Cicindela* Linnæus, 1758 (*Syst. nat.* Edn.10 (1): 407) or in the subgenus *Cosmodela* Rivalier, 1961 (*Revue fr. Ent.* 28: 128) within the genus *Cicindela*. Some authors considered *Cosmodela* as a distinct genus.

In Thailand, it is a common species with the elytra blackish green. At the shoulder a small yellow spot and three spots on each elytron well developed. The specimens from Chiang Mai and Phayao (Figs. 6-8) may be attributed to the subspecies *flavomaculata* Chevrolat, 1845.

Range of this species extends from Nepal, Bhutan, India, Myanmar, Thailand, Malaysia (Borneo), Cambodia, Laos, South China, Indonesia (Sumatra, Nias) to Japan.

In Indo-China the species is represented by the following subspecies: ssp. *juxtata* Acciavatti & Pearson 1989 in China (Fujian, Guangdong, Guizhou, Hong Kong, Hubei, Shandong, Shanghai, Sichuan, Yunnan); ssp. *virgula* Fleutiaux, 1893 from Nepal, India, Bhutan, Myanmar, China, Thailand; ssp. *flavomaculata* Chevrolat, 1845 in India, Myanmar, China, Malaysia, Indonesia, Cambodia, Laos, and Thailand (Kanchanaburi, Chanthaburi).

Fig. 5 - Original description of *Cicindela aurulenta* by Fabricius, 1801, on page 239 from Sumatra.

² Announcement of Entomofauna of Old World.- Cesa News 31: 8.



Fig.6 - *Cicindela (Cosmodela) aurulenta* Thailand Phayao, Phayao University Campus 21 3 2006, photo M. Kemal (Cesa)



Fig. 7- *Cicindela (Cosmodela) aurulenta* Thailand Chiang Mai 350m 23 4 2006, photo M. Kemal (Cesa)



Fig. 8 - *Cicindela (Cosmodela) aurulenta* Thailand Chiang Mai 350m 23 4 2006, photo M. Kemal (Cesa)

Conops flavicaudus Bigot in South-East Turkey (Conopidae, Diptera)

(figs.9-12, 1 map)

Muhabbet Kemal Ahmet Ömer Koçak

Smith (1961) stated: “When Dr. Amsel saw this species he mistook it for small examples of the common wasp of the area *Vespa orientalis* L. In flight he says they behave very like this wasp and constitute a striking example of mimicry. The abdominal bands of fly and wasp are of identical yellow coloration”. We find Amsel’s approach to this species reasonable. When we observed this fly at Çatak (Van Province) in nature, we also mistook it at first. *Conops flavicaudus* and *Vespa orientalis* fly together in hot summer days and visit frequently damp places on the earth.

Conops (s.str.) flavicaudus (Bigot,1880)

Sphixosoma flavicauda Bigot,1880, Annls Soc. ent. Fr. (5) 10: 149. Type from Iran or Caucasus (**Fig.9**)

Conops euzonatus Bigot,1887, Annls Soc. ent. Fr. (6) 7: 33. Type from Caucasus (**Fig.10**)

Conops superbus Röder,1899, Wien. ent. Ztg. 8: 6. Type: Libanon: Beirut (**Fig.11**)

Conops cypris Janssens,1955, Bull. Inst. r. Sci. nat. Belg. 31: 2. Type: from Cyprus (Baie d’Akrotiri, Yermdoyia, Erimi).

SPHYXOSOMA FLAVICAUDA, ♀ (mili). — Long. 15 mill.

Crocea. Antennis, extremo apice tarsisque nigris; vertice castaneo; facie segmentisque quartis et quintis abdominis flavis; alis testaceis apice, cinerascens.

Entièrement d'un rouge safrané, excepté: l'extrémité du dernier article des antennes et les tarses, noirs, le premier article antennaire un peu brunâtre à sa base, le haut du front avec une large bande transversale, rétrécie en son milieu, d'un brun rougeâtre; face jaune ainsi que les quatrième et cinquième segments abdominaux, le troisième un peu brunâtre; balanciers d'un testacé pâle; ailes testacées, nervures fauves, extrémité grisâtre.

Un seul exemplaire.

Fig. 9 - Original description of "*Sphixosoma flavicauda*" by Bigot, 1880, *Annls Soc. ent. Fr.* (5) 10: 149

dieses ist wohl der Grund, dass sich dort noch mehrere neue Arten dieser Gattung finden werden. Ich nenne die neue Art:

***Conops superbus* nov. spec.**

Capite flavo; fronte superius fascia angustissima nigra transversa; antennis rufis; thorace scutelloque brunneo; segmentis abdominis primo et secundo brunneo; tertio tribus partibus piceis, apice flavo; segmento quarto toto flavo; segmentis ultimis brunneis. Pedibus rubidis; alis dilute flavescens. Long. 15 mm.

Patria: Beyrut, Syria (Asia minor).

In der Loew'schen Monographie der Gattung *Conops* (Posen 1846) ist diese neue Art unter „B. Rüssel lang. 2. Körperfärbung rostbraun und gelb“ zu stellen. Sie hat in dieser Beziehung Ähnlichkeit mit *Conops vesicularis* L., unterscheidet sich aber sonst vollständig von diesem.

Fig. 11 - Original description of "*Conops superbus*" by Röder, 1899, *Wien. ent. Ztg.* 8: 6.

3. *C. EUZONATUS*, ♂. — Long. 5 mill.

Haustello valde producto; femoribus posticis haud abrupte incrassatis, abdomine vix petiolato, apicem versus valde incrassato, segmento 2° parum angustiore sed non longiore 3°. Antennis rufis, segmento 3° basi fusco, apice nigro; haustello rufo, occipite rufo, vitta diffusa, transversali, fusca; fronte et facie flavidis, genis fulvis, fusco notatis; thorace, scutello, metanoto, omnino rufis; halteribus fulvis; abdomine rufo, segmento 3° apice, 6° et sequentibus, diffuse infuscatis, 4° et 5° omnino flavo pictis; pedibus rufis, tarsis nigris, pulvillis fere albis; alis flavis, apice pallide infuscatis.

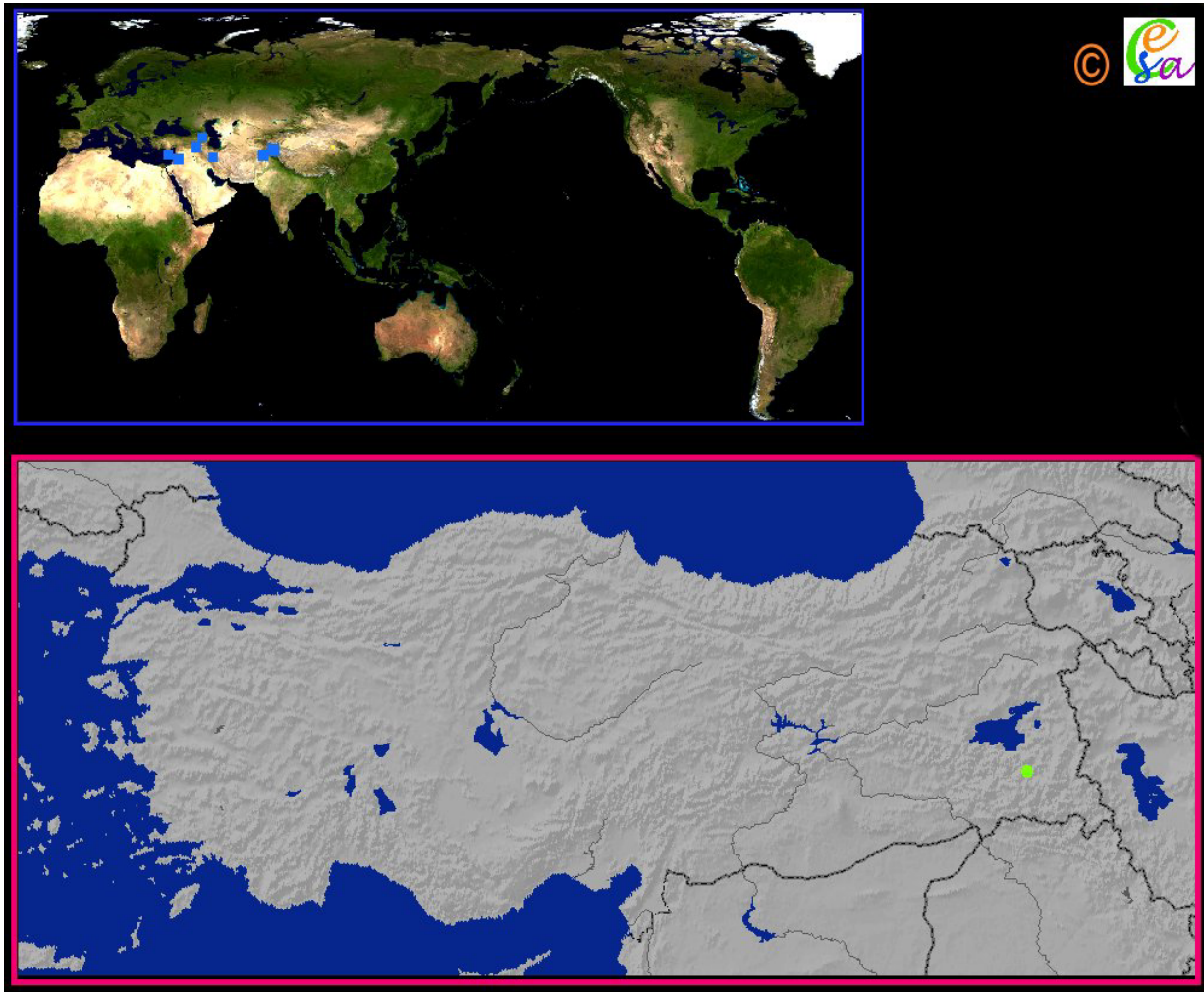
Trompe dépassant notablement l'épistome; cuisses postérieures médiocrement et régulièrement épaissies; abdomen à peine pétiolé, notablement renflé avant son extrémité, 2° segment un peu plus étroit que le 3°, mais d'égale longueur. Antennes rougeâtres, à base brune, extrémité du 3° segment noire; trompe roussâtre; occiput rougeâtre ainsi que le haut du front, où se montre une bande transversale, mal déterminée, brunâtre, rétrécie en son milieu, le bas du front et la face jaunes, joues roussâtres, avec une macule triangulaire brune; thorax, écusson, *metanotum*, rougeâtres; balanciers fauves, massue brunâtre; abdomen rougeâtre, côtés et extrémité du 3° segment, 6° et derniers, obscurément teintés de brunâtre, marges des 3°, 4° et 5° entièrement d'un beau jaune; pieds rougeâtres, tarses noirs; ailes jaunes, avec l'extrémité légèrement teintée de brunâtre et la base rougeâtre.

Mont Caucase, 1 spécim.

Fig. 10 - Original description of "*Conops euzonatus*" by Bigot, 1887, *Annls Soc. ent. Fr.* (6) 7: 33.

Taxonomical status and the priority among the described names of this taxon were discussed by Smith (1961) in details.

Range: Cyprus, Libanon (Beirut), Palestina, Armenia, Iran, Afghanistan (Gulbahar), Tajikistan (Pamir). This species is apparently new to the *Conopidae* fauna of Turkey.



Map 1- Range of *Conops flavicaudus*. In the World map above marked with blue, in map of Turkey with green.



A single specimen was captured on 16 July 2005 by M.Kemal at Akçabük 1700m, Çatak (Van Province) in the mountainous massive of South-East Turkey (coll. Cesa). It seems to be the first record of this species in Turkey.

Fig. 12 – *Conops flavicaudus* in East Turkey (Van, Çatak)

Literature

Chvala, M. & K.G.V.Smith, 1988, Fam. *Conopidae* [in] Soos, A. & L.Papp, *Catalogue Palaearctic Diptera* vol. 8: 245-272.

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Bigot, J.M.F., 1887, Dipteres nouveaux ou peu connus. 31. partie. XXXIX. Description de nouvelles especes de Stratiomyidi et de Conopsidi. *Annls Soc. ent. Fr.* (6) 7: 20-46.

Röder, V. von, 1899, Ein neuer *Conops* aus Klein-Asien. *Wien. ent. Ztg.* 8: 6-7.

Janssens, E., 1955, Remarques sur le peuplement de l'isle de Chypre en Dipteres *Conopinae* et description d'une espece nouvelle. *Bull. Inst. r. Sci. nat. Belg.* 31 (87): 1-4.

Smith, K.G.V., 1961, Ergebnisse der Deutschen Afghanistan-Expedition 1856 der Landessammlungen für Naturkunde Karlsruhe *Conopidae (Diptera)*. *Beitr. naturk. Forsch. SW-Deutschl.* xix (3): 299-300, 1 plate.

Announcement 1

Asilidae of East Turkey (Diptera)

A faunal Project by the Cesa

(Figs.13-19)

Muhabbet Kemal Ahmet Ömer Koçak

Robber flies are one of the most important predator group on the terrestrial insects. On the faunal structure of this family in East Turkey we have very little information in the literature. A Robber fly seizes its prey with its powerful legs and kill it with a paralyzing stab of the hypopharynx. They are mostly opportunistic predators. We observed these flies in the open areas frequently capturing butterflies and also other slow flier insects in the air.

In East Turkey, it is planned a survey on the determination of the fauna, distributions in various altitudinal zones and habitat types, frequency, daily activities of the species, and the prey list in a period between March and October every year. Information will be recorded in a special database program, and the results will be published at irregular intervals. This survey is a part of the ongoing Cesa Project, "Entomofauna of Old World".



Fig. 13- A Robber Fly at rest. Thailand: Chiang Mai, 350m 13 4 2006 photo M. Kemal (Cesa)



Fig.14- A Robber Fly with its prey. Turkey: Van Province, Gevaş, Kuzgunkiran Pass 2150m, 06 07 2006 photo M. Kemal (Cesa)



Fig. 15- A Robber Fly, camouflaged on grass. Turkey: Malatya Province, Darende Karaoğuz village 1250m, 17 6 2006 photo M. Kemal (Cesa)



Fig. 16 - A Robber Fly, resting in an open area. Turkey: Malatya Province, Darende Karaoğuz village 1250m, 17 6 2006 photo M.Kemal (Cesa)



Fig.17 - A Robber Fly with its prey. Turkey Mardin Province Midyat Beyazsu 640m, 24 6 2006 photo M. Kemal (Cesa)



Fig. 18 - A Robber Fly at rest in Quercus woodland. Turkey: Urfa Province Tülmen 685m 5 6 2006 photo M.Kemal (Cesa)



Fig.19- A Robber Fly at rest. Turkey Van Province, Çatak, Ardıç valley 2100m photo M.Kemal (Cesa).



Entomofauna of Old World (EOW)

In the previous number of the Cesa News³, the Project of the Cesa, Entomofauna of Old World (EOW), was announced. No attempt is known on this subject, therefore the first temporary results given in the following table, should be considered as noteworthy.

Since 23 October 2008, 2238 valid genera among the insect groups in Old World (except *Lepidoptera*) have been checked up together with their synonyms and homonyms in the special database program. The same act has been made for the 12723 valid species among the insects of Old World. Total number of the genera and of the species (together with *Lepidoptera*) increased to 10984 and 78401, respectively (subspecies excluded).

Date of the report	Recorded valid genera (G)	Recorded valid species (S)	Previous records on <i>Lepidoptera</i> (G,S)	Total records of valid genera (G) and species (S)
12 12 2008	2238	12723	8746G + 65678S	10984G+78401S
*				

* Next results will be announced soon. A.Ö.K.



Entomofauna of Turkey (EOT)

Report on the Entomofauna of Turkey 1- Temporary list of the valid genus group names of *Insecta* recorded in Turkey

Ahmet Ömer Koçak Muhabbet Kemal Halil Özkol Lokman Kayci
Kesran Akın Erdem Seven Melek Aydın Ahmet Güngen

This is not only the first results of the Project “*Entomofauna of Turkey*” by the Cesa, but also the first published common generic list on the *Insecta* of Turkey so far.

The following genus group names are listed alphabetically together with the authors, date of publications, and their families, after the confirmation of their validity from the taxonomical and nomenclatural standpoints. The synonyms are temporarily omitted here. The present list of the genera is based upon the 2626 insect species (*Lepidoptera* excluded) recorded in Turkey. Currently, they belong to 203 family group taxa recorded in Turkey.

Although totally 938 valid genera were recorded in Turkey, this number is clearly at the beginning.

Next and more comprehensive reports concerning this ongoing Project will be published in this serial at irregular intervals.

³ Cesa News 31: 7.

1. **Ablerus Howard, 1894** (*Aphelinidae*)
2. **Acanthaclisis Rambur, 1842**
(*Myrmeleonidae*)
3. **Acanthiophilus Becker, 1908** (*Tephritidae*)
4. **Acantholepis Mayr, 1861** (*Formicidae*)
5. **Acanthomytilus Borkhsenius, 1947**
(*Diaspididae*)
6. **Acanthopulvinaria Borkhsenius, 1952**
(*Coccidae*)
7. **Achalcerinys Girault, 1915** (*Encyrtidae*)
8. **Aconura Lethierry, 1876** (*Cicadellidae*)
9. **Aconurella Ribaut, 1948** (*Cicadellidae*)
10. **Actenodia Laporte, 1840** (*Meloidae*)
11. **Actinoptera Rondani, 1871** (*Tephritidae*)
12. **Adarrus Ribaut, 1947** (*Cicadellidae*)
13. **Adelencyrtus Ashmead, 1900**
(*Encyrtidae*)
14. **Adontomerus Nikolskaya, 1955**
(*Torymidae*)
15. **Aelia Fabricius, 1803** (*Pentatomidae*)
16. **Agabus Leach, 1817** (*Dytiscidae*)
17. **Agallia Curtis, 1831** (*Cicadellidae*)
18. **Agalmatium Emeljanov, 1971** (*Issidae*)
19. **Ageniaspis Dalbohm, 1857** (*Encyrtidae*)
20. **Aglena Amyot & Audinet-Serville, 1843** (*Cicadellidae*)
21. **Agnetina Klapalek, 1907** (*Perlidae*)
22. **Akotropis Matsumura, 1914** (*Achilidae*)
23. **Alebra Fieber, 1872** (*Cicadellidae*)
24. **Allodynerus Blüthgen, 1938** (*Vespidae*)
25. **Alloterra Kieffer & Marshall, 1904**
(*Pteromalidae*)
26. **Allygus Fieber, 1875** (*Cicadellidae*)
27. **Alosimus Mulsant, 1857** (*Meloidae*)
28. **Amblyopone Erichson, 1842**
(*Formicidae*)
29. **Ameles Burmeister, 1838** (*Mantidae*)
30. **Amphinemura Ris, 1902** (*Nemouridae*)
31. **Anachalcis Steffan, 1951** (*Chalcididae*)
32. **Anagrus Haliday, 1833** (*Mymaridae*)
33. **Anagrus Howard, 1896** (*Encyrtidae*)
34. **Anaphes Haliday, 1833** (*Mymaridae*)
35. **Anaprostocetus Graham, 1987**
(*Eulophidae*)
36. **Anapulvinaria Borkhsenius, 1952**
(*Coccidae*)
37. **Anastatus Motschulsky, [1860]**
(*Eupelmidae*)
38. **Ancistrocerus Wesmael, 1836**
(*Vespidae*)
39. **Ancyrosoma Amyot & Audinet-Serville, 1843** (*Pentatomidae*)
40. **Anechura Scudder, 1876** (*Forficulidae*)
41. **Anicetus Howard, 1896** (*Encyrtidae*)
42. **Anisolabis Fieber, 1853** (*Labiduridae*)
43. **Anisopteromalus Ruschka, 1912**
(*Pteromalidae*)
44. **Anogcodes Dejean, 1834** (*Oedemeridae*)
45. **Anoplotettix Ribaut, 1942** (*Cicadellidae*)
46. **Anoscopus Kirschbaum, 1868**
(*Cicadellidae*)
47. **Anoterostemma Loew, 1885**
(*Cicadellidae*)
48. **Antonina Signoret, 1875**
(*Pseudococcidae*)
49. **Aonidia Targioni-Tozzetti, 1868**
(*Diaspididae*)
50. **Aonidiella Berlese & Leonardi, 1895**
(*Diaspididae*)
51. **Apalus Fabricius, 1775** (*Meloidae*)
52. **Apanteles Förster, 1862** (*Braconidae*)
53. **Aphaenogaster Mayr, 1853** (*Formicidae*)
54. **Aphasganophora Nikolskaya, 1952**
(*Chalcididae*)
55. **Aphelinoidea Girault, 1911**
(*Trichogrammatidae*)
56. **Aphelinus Dalman, 1820** (*Aphelinidae*)
57. **Aphidoletes Kieffer, 1904**
(*Cecidomyiidae*)
58. **Aphrodes Curtis, 1833** (*Cicadellidae*)
59. **Aphrophora Germar, 1821** (*Cercopidae*)
60. **Aphycoides Mercet, 1921** (*Encyrtidae*)
61. **Aphycus Mayr, 1875** (*Encyrtidae*)
62. **Aphytis Howard, 1900** (*Aphelinidae*)
63. **Apiomyia Kieffer, 1912** (*Cecidomyiidae*)
64. **Aprostocetus Westwood, 1833**
(*Eulophidae*)
65. **Arboridia Zachvatkin, 1946**
(*Cicadellidae*)
66. **Arenivaga Rehn, 1903** (*Polyphagidae*)
67. **Argyra Macquart, 1834** (*Dolichopodidae*)
68. **Arocephalus Ribaut, 1946** (*Cicadellidae*)
69. **Arthrocnodax Rübsaamen, 1895**
(*Cecidomyiidae*)
70. **Arthrolytus Thomson, 1878**
(*Pteromalidae*)
71. **Artianus Ribaut, 1942** (*Cicadellidae*)
72. **Asaphes Walker, 1834** (*Pteromalidae*)
73. **Ascalaphus Fabricius, 1775**
(*Ascalaphidae*)
74. **Aschitus Mercet, 1921** (*Encyrtidae*)
75. **Asiraca Latreille, 1796** (*Delphacidae*)
76. **Asphondylia Loew, 1850** (*Cecidomyiidae*)
77. **Aspidiotus Bouché, 1833** (*Diaspididae*)
78. **Aspoeckina Hölzel, 1972**
(*Myrmeleonidae*)
79. **Aspoekina Hölzel, 1972** (*Myrmeleonidae*)
80. **Asterodiaspis Signoret, 1877**
(*Asterolecaniidae*)
81. **Asymmetrasca Dlabola, 1958**
(*Cicadellidae*)
82. **Asynapta Loew, 1850** (*Cecidomyiidae*)
83. **Atricops Verrall, 1909** (*Athericidae*)
84. **Atrococcus Goux, 1941** (*Pseudococcidae*)
85. **Atylotus Osten & Sacken, 1876**
(*Tabanidae*)
86. **Aulacaspis Cockerell, 1893**
(*Diaspididae*)
87. **Aulogymnus Förster, 1851** (*Eulophidae*)
88. **Aulonogyrus Gemminger & Harold, 1868** (*Gyrinidae*)
89. **Australachalcus Pollet, 2005**
(*Dolichopodidae*)

90. **Austroagallia Evans, 1935** (*Cicadellidae*)
 91. **Azelia Robineau-Desvoidy, 1830** (*Muscidae*)
 92. **Bacillus Latreille, 1805** (*Phasmidae*)
 93. **Balcanocerus Maldonado-Capriles, 1971** (*Cicadellidae*)
 94. **Balclutha Kirkaldy, 1900** (*Cicadellidae*)
 95. **Bangasternus Des Gozis, 1882** (*Curculionidae*)
 96. **Baryscapus Förster, 1856** (*Eulophidae*)
 97. **Batocera Laporte, 1840** (*Cerambycidae*)
 98. **Batracomorphus Lewis, 1834** (*Cicadellidae*)
 99. **Belaspidia Masi, 1916** (*Chalcididae*)
 100. **Berosus Leach, 1817** (*Hydrophilidae*)
 101. **Berytinus Kirkaldy, 1900** (*Berytidae*)
 102. **Blastophaga Gravenhorst, 1829** (*Agaonidae*)
 103. **Blastothrix Mayr, 1875** (*Encyrtidae*)
 104. **Blatta Linnaeus, 1758** (*Blattidae*)
 105. **Blattella Caudell, 1903** (*Blattidae*)
 106. **Bloodiella Nowicki, 1935** (*Trichogrammatidae*)
 107. **Bodenheimeria Bodenheimer, 1935** (*Coccidae*)
 108. **Bolivaria Stal, 1877** (*Mantidae*)
 109. **Bothriomyrmex Emery, 1869** (*Formicidae*)
 110. **Bothriothorax Ratzeburg, 1844** (*Encyrtidae*)
 111. **Bothynoderes Schönherr, 1823** (*Curculionidae*)
 112. **Brachineura Rondani, 1840** (*Cecidomyiidae*)
 113. **Brachycarenum Fieber, [1860]** (*Rhopalidae*)
 114. **Brachycephala Kirkaldy, 1906** (*Tettigometridae*)
 115. **Brachycoleus Fieber, 1858** (*Miridae*)
 116. **Brachymeria Westwood, 1829** (*Chalcididae*)
 117. **Brachyptera Newport, 1848** (*Taeniopterygidae*)
 118. **Bruchophagus Ashmead, 1888** (*Eurytomidae*)
 119. **Brucoscelis Melichar, 1906** (*Caliscelidae*)
 120. **Bubastia (Acrestia) Dlabola, 1980** (*Issidae*)
 121. **Bubastia (s.str.) Emeljanov, 1975** (*Issidae*)
 122. **Bubastia Emeljanov, 1975** (*Issidae*)
 123. **Bubopsis McLachan, 1898** (*Ascalaphidae*)
 124. **Bugraia Koçak, 1981** (*Cicadellidae*)
 125. **Caenocrepis Thomson, 1878** (*Pteromalidae*)
 126. **Cales Howard, 1907** (*Aphelinidae*)
 127. **Calligypona Sahlberg, 1871** (*Delphacidae*)
 128. **Callipteroma Motschulsky, 1863** (*Encyrtidae*)
 129. **Callodictya Melichar, 1912** (*Dictyopharidae*)
 130. **Calosota Curtis, 1836** (*Eupelmidae*)
 131. **Calydus Reitter, 1896** (*Meloidae*)
 132. **Camponotus Mayr, 1861** (*Formicidae*)
 133. **Camptomyia Kieffer, 1894** (*Cecidomyiidae*)
 134. **Camptopus Amyot & Audinet-Serville, 1843** (*Alydidae*)
 135. **Capnia Pictet, 1841** (*Capniidae*)
 136. **Cardiocondyla Emery, 1869** (*Formicidae*)
 137. **Carpocoris Kolenati, 1846** (*Pentatomidae*)
 138. **Carulaspis McGillivray, 1921** (*Diaspididae*)
 139. **Cataglyphis Förster, 1850** (*Formicidae*)
 140. **Catolaccus Thomson, 1878** (*Pteromalidae*)
 141. **Catoplatus Spinola, 1837** (*Tingidae*)
 142. **Cea Haliday, 1837** (*Pteromalidae*)
 143. **Centrocoris Kolenati, 1845** (*Coreidae*)
 144. **Cephalochilus Blüthgen, 1939** (*Vespidae*)
 145. **Cephalota (Taenidia) Rivalier, 1950** (*Carabidae*)
 146. **Cephalota (s.str.) Dokhturov, 1883** (*Carabidae*)
 147. **Cephalota Dokhturov, 1883** (*Carabidae*)
 148. **Ceranisis Walker, 1842** (*Eulophidae*)
 149. **Cerapterocerus Westwood, 1833** (*Encyrtidae*)
 150. **Cerchysiella Girault, 1915** (*Encyrtidae*)
 151. **Cerchysius Westwood, 1832** (*Encyrtidae*)
 152. **Cercopis Fabricius, 1775** (*Cercopidae*)
 153. **Cerococcus Comstock, 1882** (*Cerococcidae*)
 154. **Cerocoma Geoffroy, 1762** (*Meloidae*)
 155. **Ceroplastes Gray, 1828** (*Coccidae*)
 156. **Chaetococcus Maskell, 1898** (*Pseudococcidae*)
 157. **Chaetorellia Hendel, 1927** (*Tephritidae*)
 158. **Chaetostomella Hendel, 1927** (*Tephritidae*)
 159. **Chaetostricha Walker, 1851** (*Trichogrammatidae*)
 160. **Charitopus Förster, 1856** (*Encyrtidae*)
 161. **Chartocerus Motschulsky, [1860]** (*Signiphoridae*)
 162. **Cheiloneurus Westwood, 1833** (*Encyrtidae*)
 163. **Cheiopachus Westwood, 1828** (*Pteromalidae*)
 164. **Chelidura Berthold, 1827** (*Labiduridae*)
 165. **Chiasmus Mulsant & Rey, 1855** (*Cicadellidae*)
 166. **Chionaspis Signoret, [1869]** (*Diaspididae*)

167. **Chitona W.Schmidt,1844** (*Oedemeridae*)
 168. **Chlidaspis Borkhsenius,1949** (*Diaspididae*)
 169. **Chloriona Fieber,1866** (*Delphacidae*)
 170. **Chlorita Fieber,1872** (*Cicadellidae*)
 171. **Chlorocytus Graham,1956** (*Pteromalidae*)
 172. **Chloromyia Duncan,1837** (*Stratiomyidae*)
 173. **Choeras Mason,1981** (*Braconidae*)
 174. **Choreia Westwood,1833** (*Encyrtidae*)
 175. **Chorosoma Curtis,1830** (*Rhopalidae*)
 176. **Chortinaspis Ferris,1938** (*Diaspididae*)
 177. **Chromoderus Motschoulsky,1860** (*Curculionidae*)
 178. **Chrysanthia W.Schmidt,1844** (*Oedemeridae*)
 179. **Chrysocharis Förster,1856** (*Eulophidae*)
 180. **Chrysolampus Spinola,1811** (*Perilampidae*)
 181. **Chrysomalla Förster,1859** (*Perilampidae*)
 182. **Chrysomphalus Ashmead,1880** (*Diaspididae*)
 183. **Chrysopilus Macquart,1826** (*Rhagionidae*)
 184. **Chrysops (Petersenichrysops) Moucha & Chvala,1970** (*Tabanidae*)
 185. **Chrysops Meigen,1803** (*Tabanidae*)
 186. **Chrysotus Meigen,1824** (*Dolichopodidae*)
 187. **Chunrocerus Zachvatkin,1946** (*Cicadellidae*)
 188. **Cicadella Latreille,1817** (*Cicadellidae*)
 189. **Cicadivetta Boulard,1982** (*Cicadidae*)
 190. **Cicadula Zetterstedt,1840** (*Cicadellidae*)
 191. **Cicadulina China,1926** (*Cicadellidae*)
 192. **Cicindela Linnaeus,1758** (*Carabidae*)
 193. **Circulifer Zachvatkin,1935** (*Cicadellidae*)
 194. **Cirrospilus Westwood,1832** (*Eulophidae*)
 195. **Cixidia Fieber,1866** (*Achilidae*)
 196. **Cixius Latreille,1804** (*Cixiidae*)
 197. **Cleonis Dejean,1821** (*Curculionidae*)
 198. **Clinodiplosis Kieffer,1894** (*Cecidomyiidae*)
 199. **Closterocerus Westwood,1833** (*Eulophidae*)
 200. **Coccidohystrix Lindinger,1943** (*Pseudococcidae*)
 201. **Coccobius Ratzeburg,1852** (*Aphelinidae*)
 202. **Coccophagoides Girault,1915** (*Aphelinidae*)
 203. **Coccophagus Westwood,1833** (*Aphelinidae*)
 204. **Coccus Linnaeus,1758** (*Coccidae*)
 205. **Codophila Mulsant & Rey,1866** (*Pentatomidae*)
 206. **Coelopencyrtus Timberlake,1919** (*Encyrtidae*)
 207. **Coelopisthia Förster,1856** (*Pteromalidae*)
 208. **Coenosia Meigen,1826** (*Muscidae*)
 209. **Colotrechnus Thomson,1878** (*Pteromalidae*)
 210. **Colpoclypeus Lucchese,1941** (*Eulophidae*)
 211. **Colymbetes Schellenberg,1806** (*Dytiscidae*)
 212. **Comperiella Howard,1906** (*Encyrtidae*)
 213. **Coniatus Germar,1817** (*Curculionidae*)
 214. **Conioleonus Motschoulsky,1860** (*Curculionidae*)
 215. **Conomelus Fieber,1866** (*Delphacidae*)
 216. **Conomorium Masi,1926** (*Pteromalidae*)
 217. **Conops Linnaeus,1758** (*Conopidae*)
 218. **Conorhynchus Motschoulsky,1860** (*Curculionidae*)
 219. **Conosanus Osborn & Ball,1902** (*Cicadellidae*)
 220. **Contarinia Rondani,1860** (*Cecidomyiidae*)
 221. **Contigaspis McGillivray,1921** (*Diaspididae*)
 222. **Copidosoma Ratzeburg,1844** (*Encyrtidae*)
 223. **Coptosoma De Laporte,1832** (*Plataspidae*)
 224. **Coriomeris Westwood,1842** (*Coreidae*)
 225. **Corizus Fallén,1814** (*Rhopalidae*)
 226. **Cotesia Cameron,1891** (*Braconidae*)
 227. **Cowperia Girault,1919** (*Encyrtidae*)
 228. **Crataepus Förster,1878** (*Eulophidae*)
 229. **Crematogaster Lund,1831** (*Formicidae*)
 230. **Creoleon Tillyard,1918** (*Myrmeleonidae*)
 231. **Cryptococcus Douglas,1890** (*Eriococcidae*)
 232. **Cryptoxyx Delucchi,1956** (*Pteromalidae*)
 233. **Ctenopus Fischer de Waldheim,1824** (*Meloidae*)
 234. **Cueta Navas,1911** (*Myrmeleonidae*)
 235. **Cuneala Zirngiebl,1956** (*Tenthredinidae*)
 236. **Curculio Linnaeus,1758** (*Curculionidae*)
 237. **Cylindera (Cicindina) Adam & Merkl,1986** (*Carabidae*)
 238. **Cylindera (s.str.) Westwood,1831** (*Carabidae*)
 239. **Cyphon Paykull,1799** (*Scirtidae*)
 240. **Cyrtisiopsis Séguy,1930** (*Mythicomyiidae*)
 241. **Cyrtogaster Walker,1833** (*Pteromalidae*)
 242. **Dactylopius Costa,1836** (*Dactylopiidae*)
 243. **Dahlbominus Hincks,1945** (*Eulophidae*)
 244. **Dasineura Rondani,1840** (*Cecidomyiidae*)
 245. **Dasyphora Robineau-Desvoidy,1830** (*Muscidae*)

- 246. Dasyramphis Enderlein, 1922** (Tabanidae)
247. Deleproctophylla Lefebvre, 1842 (Ascalaphidae)
248. Delphacodes Fieber, 1866 (Delphacidae)
249. Delphacodoides Muir, 1929 (Delphacidae)
250. Dendroleon Brauer, 1866 (Myrmeleonidae)
251. Denops Fischer de Waldheim, 1829 (Cleridae)
252. Deraeocoris Kirschbaum, 1855 (Miridae)
253. Diaspidiotus Berlese, 1896 (Diaspididae)
254. Diaspis Costa, [1828] (Diaspididae)
255. Dibrachoides Kurdiumov, 1913 (Pteromalidae)
256. Dibrachys Förster, 1856 (Pteromalidae)
257. Dicarnosis Mercet, 1921 (Encyrtidae)
258. Dicrodiplosis Kieffer, 1895 (Cecidomyiidae)
259. Dictyla Stal, 1874 (Tingidae)
260. Dictyophara Germar, 1833 (Dictyopharidae)
261. Dielocroce Cowley, 1941 (Nemopteridae)
262. Diglyphus Walker, 1844 (Eulophidae)
263. Dikraneura Hardy, 1850 (Cicadellidae)
264. Dinarmus Thomson, 1878 (Pteromalidae)
265. Dinotiscus Ghesquière, 1946 (Pteromalidae)
266. Diolcogaster Ashmead, 1900 (Braconidae)
267. Diplocolenus Ribaut, 1946 (Cicadellidae)
268. Diplorhoptrum Mayr, 1855 (Formicidae)
269. Dirhinus Dalman, 1818 (Chalcididae)
270. Discodes Förster, 1856 (Encyrtidae)
271. Distoleon Banks, 1910 (Myrmeleonidae)
272. Ditropis Wagner, 1963 (Delphacidae)
273. Docotettix Ribaut, 1948 (Cicadellidae)
274. Dolichogenidea Viereck, 1911 (Braconidae)
275. Dolichovespula Rohwer, 1916 (Vespidae)
276. Dolycoris Mulsant & Rey, 1866 (Pentatomidae)
277. Donus Capiomont, 1868 (Curculionidae)
278. Doratulina Melichar, 1903 (Cicadellidae)
279. Doratura Sahlberg, 1871 (Cicadellidae)
280. Drymeia Meigen, 1826 (Muscidae)
281. Dryodurgades Zachvatkin, 1946 (Cicadellidae)
282. Dryomyia Kieffer, 1898 (Cecidomyiidae)
283. Duilius Stal, 1858 (Cixiidae)
284. Duplachionaspis MacGillivray, 1921 (Diaspididae)
285. Dynaspidiotus Thiem & Gerneck, 1934 (Diaspididae)
286. Ebarrius Ribaut, 1946 (Cicadellidae)
287. Echthromyrmex McLachan, 1867 (Myrmeleonidae)
288. Echthroplexiella Mercet, 1921 (Encyrtidae)
289. Ectobius Stephens, 1836 (Blattidae)
290. Edwardsiana Zachvatkin, 1929 (Cicadellidae)
291. Eginia Robineau-Desvoidy, 1830 (Muscidae)
292. Elachertus Spinola, 1811 (Eulophidae)
293. Elasmus Westwood, 1833 (Eulophidae)
294. Elinora Benson, 1946 (Tenthredinidae)
295. Elodes Latreille, 1796 (Scirtidae)
296. Elymana DeLong, 1936 (Cicadellidae)
297. Emblethis Fieber, [1860] (Lygaeidae)
298. Emelyanoviana Anufriev, 1970 (Cicadellidae)
299. Empoasca Walsh, 1862 (Cicadellidae)
300. Empusa Illiger, 1798 (Empusidae)
301. Encarsia Förster, 1878 (Aphelinidae)
302. Encyrtus Latreille, 1809 (Encyrtidae)
303. Enochrus Thomson, 1859 (Hydrophilidae)
304. Ensina Robineau-Desvoidy, 1830 (Tephritidae)
305. Entedon Dalman, 1820 (Eulophidae)
306. Eohardya Zachvatkin, 1946 (Cicadellidae)
307. Eoperla Illies, 1956 (Perlidae)
308. Epicauta Dejean, 1834 (Meloidae)
309. Epiclerus Haliday, 1844 (Tetracampidae)
310. Epidiaspis Cockerell, 1899 (Diaspididae)
311. Epitetracnemus Girault, 1915 (Encyrtidae)
312. Erdoesina Graham, 1957 (Pteromalidae)
313. Eremiaphila Lefebvre, 1835 (Mantidae)
314. Eremocampe Sugonjaev, 1971 (Tetracampidae)
315. Eretmocerus Haldeman, 1850 (Aphelinidae)
316. Ericydnus Haliday, 1837 (Encyrtidae)
317. Eriococcus Targioni-Tozzetti, 1868 (Eriococcidae)
318. Eriopeltis Signoret, 1872 (Coccidae)
319. Eristalis Latreille, 1804 (Syrphidae)
320. Euaresta Loew, 1873 (Tephritidae)
321. Euborellia Burr, 1910 (Labiduridae)
322. Eucalymnatus Cockerell, 1901 (Coccidae)
323. Euchalcis Dufour, 1861 (Chalcididae)
324. Eucharis Latreille, 1804 (Eucharitidae)
325. Eudasiphora Townsend, 1911 (Muscidae)
326. Euderus Haliday, 1844 (Eulophidae)
327. Eugahania Mercet, 1926 (Encyrtidae)
328. Euides Fieber, 1866 (Delphacidae)
329. Eulecanium Cockerell, 1893 (Coccidae)
330. Eulophus Geoffroy, 1762 (Eulophidae)
331. Eumecurus Emeljanov, 1971 (Cixiidae)
332. Eumenes Latreille, 1802 (Vespidae)

333. **Eunotus Walker, 1834** (*Pteromalidae*)
 334. **Euodynerus Dalla Torre, 1904** (*Vespidae*)
 335. **Eupelix Germar, 1821** (*Cicadellidae*)
 336. **Eupelmus Dalman, 1820** (*Eupelmidae*)
 337. **Euplectrus Westwood, 1832** (*Eulophidae*)
 338. **Euripersia Borkhsenius, 1948** (*Pseudococcidae*)
 339. **Euroleon Esben-Petersen, 1918** (*Myrmeleonidae*)
 340. **Eurybregma Scott, 1875** (*Delphacidae*)
 341. **Eurydema Laporte, 1832** (*Pentatomidae*)
 342. **Eurygaster Laporte, 1832** (*Scutellaridae*)
 343. **Eurytoma Illiger, 1803** (*Eurytomidae*)
 344. **Euscelidius Ribaut, 1942** (*Cicadellidae*)
 345. **Euscelis Brullé, 1832** (*Cicadellidae*)
 346. **Eustenopus Petri, 1907** (*Curculionidae*)
 347. **Euzonitis Semenov, 1893** (*Meloidae*)
 348. **Evacanthus Le Peletier & Audinet-Serville, 1825** (*Cicadellidae*)
 349. **Exaeretopus Newstead, 1894** (*Coccidae*)
 350. **Exeurytoma Burks, 1971** (*Eurytomidae*)
 351. **Exitianus Ball, 1929** (*Cicadellidae*)
 352. **Exochostoma Macquart, 1842** (*Stratiomyidae*)
 353. **Exopristoides Boucek, 1982** (*Torymidae*)
 354. **Exopristus Ruschka, 1923** (*Torymidae*)
 355. **Falcotoya Fennah, 1969** (*Delphacidae*)
 356. **Feltiella Rübsaamen, 1910** (*Cecidomyiidae*)
 357. **Fieberiella Signoret, 1880** (*Cicadellidae*)
 358. **Fiorinia Targioni-Tozzetti, 1869** (*Diaspididae*)
 359. **Flabellotilloidea Gerstmeier & Ku, 1992** (*Cleridae*)
 360. **Florodelphax Vilbaste, 1968** (*Delphacidae*)
 361. **Foersterella Dalla Torre, 1897** (*Tetracampidae*)
 362. **Forficula Linnaeus, 1758** (*Forficulidae*)
 363. **Formica Linnaeus, 1758** (*Formicidae*)
 364. **Frutoidia (s.str.) Zachvatkin, 1946** (*Cicadellidae*)
 365. **Furchadaspis MacGillivray, 1921** (*Diaspididae*)
 366. **Gastrancistrus Westwood, 1833** (*Pteromalidae*)
 367. **Genistaspis Bodenheimer, 1951** (*Diaspididae*)
 368. **Geomantis Pantel, 1896** (*Mantidae*)
 369. **Ginsiana Erdös & Novicky, 1955** (*Encyrtidae*)
 370. **Glabellula Bezzi, 1902** (*Mythicomyiidae*)
 371. **Glaucops Szilady, 1923** (*Tabanidae*)
 372. **Glyphomerus Förster, 1856** (*Torymidae*)
 373. **Glyptapanteles Ashmead, 1904** (*Braconidae*)
 374. **Goidanichium Boucek, 1970** (*Pteromalidae*)
 375. **Gonaspidiotus MacGillivray, 1921** (*Diaspididae*)
 376. **Goniagnathus Fieber, 1866** (*Cicadellidae*)
 377. **Grammacephalus Haupt, 1929** (*Cicadellidae*)
 378. **Graphosoma De Laporte, 1832** (*Pentatomidae*)
 379. **Gratidia Stal, 1879** (*Phasmidae*)
 380. **Grypotes Fieber, 1866** (*Cicadellidae*)
 381. **Guanchia Burr, 1911** (*Forficulidae*)
 382. **Gueriniella Fernald, 1903** (*Margarodidae*)
 383. **Gugolzia Delucchi & Steffan, 1956** (*Pteromalidae*)
 384. **Gyrinus Geoffroy, 1762** (*Gyrinidae*)
 385. **Habrolepis Förster, 1856** (*Encyrtidae*)
 386. **Haematoloma Haupt, 1919** (*Cercopidae*)
 387. **Haematopota Meigen, 1803** (*Tabanidae*)
 388. **Haliphus Latreille, 1802** (*Halipidae*)
 389. **Haltichella Spinola, 1811** (*Chalcididae*)
 390. **Halticoptera Spinola, 1811** (*Pteromalidae*)
 391. **Halticopterina Erdös, 1947** (*Pteromalidae*)
 392. **Handianus Ribaut, 1942** (*Cicadellidae*)
 393. **Hardya Edwards, 1922** (*Cicadellidae*)
 394. **Harmandiola Skuhrava, 1997** (*Cecidomyiidae*)
 395. **Hartigiola Rübsaamen, 1912** (*Cecidomyiidae*)
 396. **Hauptidia (s.str.) Dworakowska, 1970** (*Cicadellidae*)
 397. **Hauptidia Dworakowska, 1970** (*Cicadellidae*)
 398. **Hecalus Stal, 1864** (*Cicadellidae*)
 399. **Helina Robineau-Desvoidy, 1830** (*Muscidae*)
 400. **Heliococcus Sulc, 1912** (*Pseudococcidae*)
 401. **Helionidia Zachvatkin, 1946** (*Cicadellidae*)
 402. **Helophorus Illiger, 1801** (*Helophoridae*)
 403. **Hemiberlesia Leonardi, 1897** (*Diaspididae*)
 404. **Hemiptarsenus Westwood, 1833** (*Eulophidae*)
 405. **Hephathus Ribaut, 1952** (*Cicadellidae*)
 406. **Hespericerus Gnezdilov, 1999** (*Cicadellidae*)
 407. **Heterococcopsis Borkhsenius, 1948** (*Pseudococcidae*)
 408. **Heterococcus Ferris, 1918** (*Pseudococcidae*)
 409. **Heterogaster Schilling, 1829** (*Lygaeidae*)
 410. **Hierodula Burmeister, 1838** (*Mantidae*)
 411. **Hobbya Delucchi, 1957** (*Pteromalidae*)
 412. **Hockeria Laporte, 1834** (*Chalcididae*)

- 413. Holcostethus Fieber,[1860]** (*Pentatomidae*)
- 414. Homalotylus Mayr,1875** (*Encyrtidae*)
- 415. Homodela Rivalier,1950** (*Carabidae*)
- 416. Homoporus Thomson,1878** (*Pteromalidae*)
- 417. Hoploopsis Stefani,1889** (*Encyrtidae*)
- 418. Horvathianella Anufriev,1980** (*Delphacidae*)
- 419. Hyalesthes Signoret,1865** (*Cixiidae*)
- 420. Hybomitra Enderlein,1922** (*Tabanidae*)
- 421. Hycleus Latreille,1817** (*Meloidae*)
- 422. Hydrochara Berthold,1827** (*Hydrophilidae*)
- 423. Hydroglyphus Motschoulsky,1853** (*Dytiscidae*)
- 424. Hydrotaea Robineau-Desvoidy,1830** (*Muscidae*)
- 425. Hypera Germar,1817** (*Curculionidae*)
- 426. Hypolixus Desbrochers,1898** (*Curculionidae*)
- 427. Hyssopus Girault,1916** (*Eulophidae*)
- 428. Hysteropterum Amyot & Audinet-Serville,1943** (*Issidae*)
- 429. Iassus Fabricius,1803** (*Cicadellidae*)
- 430. Icerya Signoret,1875** (*Margarodidae*)
- 431. Iconella Mason,1981** (*Braconidae*)
- 432. Idiocerus Lewis,1834** (*Cicadellidae*)
- 433. Idiomacromerus Crawford,1914** (*Torymidae*)
- 434. Illidops Mason,1981** (*Braconidae*)
- 435. Inocellia Schneider,1843** (*Inocellidae*)
- 436. Iranoidricerus Abraham & Meszaros,2002** (*Ascalaphidae*)
- 437. Iris Saussure,1869** (*Tarachodidae*)
- 438. Ischnomera Stephens,1832** (*Oedemeridae*)
- 439. Isodromus Howard,1887** (*Encyrtidae*)
- 440. Isolabella Verhoeff,1902** (*Spongiphoridae*)
- 441. Isolaboides Hincks,1958** (*Spongiphoridae*)
- 442. Isoperla Banks,1906** (*Perlodidae*)
- 443. Issus Fabricius,1803** (*Issidae*)
- 444. Iteomyia Kieffer,1913** (*Cecidomyiidae*)
- 445. Iubsoda Nast,1975** (*Delphacidae*)
- 446. Jaapiella Rübsaamen,[1916]** (*Cecidomyiidae*)
- 447. Janetia Kieffer,1896** (*Cecidomyiidae*)
- 448. Janetiella Kieffer,1898** (*Cecidomyiidae*)
- 449. Jassargus Zachvatkin,1933** (*Cicadellidae*)
- 450. Javesella Fennah,1963** (*Delphacidae*)
- 451. Katamenes Meade-Waldo,1910** (*Vespidae*)
- 452. Kelisia Fieber,1866** (*Delphacidae*)
- 453. Kermes Latreille,1798** (*Kermesidae*)
- 454. Kervillea Bergevin,[1918]** (*Issidae*)
- 455. Kirbunya (Olivierina) Navas,1910** (*Nemopteridae*)
- 456. Kirbunya Navas,1910** (*Nemopteridae*)
- 457. Kriechbaumerella Dalla Torre,1897** (*Chalcididae*)
- 458. Krombeinella Pate,1947** (*Mutillidae*)
- 459. Ksenoplata Boucek,1965** (*Pteromalidae*)
- 460. Kuwanaspis MacGillivray,1921** (*Diaspididae*)
- 461. Kybos Fieber,1866** (*Cicadellidae*)
- 462. Labia Leach,1815** (*Spongiphoridae*)
- 463. Labidura Leach,1815** (*Labiduridae*)
- 464. Laburrus Ribaut,1942** (*Cicadellidae*)
- 465. Laccobius (Compsolaccobius) Ganglbauer,1904** (*Hydrophilidae*)
- 466. Laccobius Erichson,1837** (*Hydrophilidae*)
- 467. Laccophilus Leach,1817** (*Dytiscidae*)
- 468. Lamennaisia Girault,1922** (*Encyrtidae*)
- 469. Laminacutus Abdul-Nour,2001** (*Cicadellidae*)
- 470. Lampoterma Graham,1956** (*Pteromalidae*)
- 471. Lamprotatus Westwood,1833** (*Pteromalidae*)
- 472. Laodelphax Fennah,1963** (*Delphacidae*)
- 473. Larinus Dejean,1821** (*Curculionidae*)
- 474. Lariophagus Crawford,1909** (*Pteromalidae*)
- 475. Lasiochalcidia Masi,1929** (*Chalcididae*)
- 476. Lasiopa Brullé,1832** (*Stratiomyidae*)
- 477. Lasioptera Meigen,1818** (*Cecidomyiidae*)
- 478. Lasius Fabricius,[1805]** (*Formicidae*)
- 479. Latematium Dlabola,1979** (*Issidae*)
- 480. Latilica Emeljanov,1971** (*Issidae*)
- 481. Lecanodiaspis Targioni-Tozzetti,1869** (*Lecanodiaspididae*)
- 482. Lecanopsis Targioni-Tozzetti,1868** (*Coccidae*)
- 483. Lepidosaphes Shimer,1868** (*Diaspididae*)
- 484. Leptochilus Saussure,1853** (*Vespidae*)
- 485. Leptocybe Fisher & La Salle,2004** (*Eulophidae*)
- 486. Leptodelphax Haupt,1927** (*Delphacidae*)
- 487. Leptodiplosis Kieffer,1894** (*Cecidomyiidae*)
- 488. Leptomastidea Mercet,1916** (*Encyrtidae*)
- 489. Leptomastix Förster,1856** (*Encyrtidae*)
- 490. Leptothorax Mayr,1855** (*Formicidae*)
- 491. Lepyronia Amyot & Audinet-Serville,1843** (*Cercopidae*)
- 492. Lertha Navas,1910** (*Nemopteridae*)
- 493. Leucaspis Targioni-Tozzetti,1868** (*Diaspididae*)
- 494. Leucospis Turton,1802** (*Leucopsidae*)
- 495. Leuctra Stephens,1836** (*Leuctridae*)
- 496. Libanissum Dlabola,1980** (*Issidae*)
- 497. Libelloides Tjeder,1972** (*Ascalaphidae*)
- 498. Lichtensia Signoret,1873** (*Coccidae*)
- 499. Liguropia Haupt,1930** (*Cicadellidae*)

- 500. Linnophora Robineau-Desvoidy, 1830** (*Muscidae*)
- 501. Limobius Schönherr, 1843** (*Curculionidae*)
- 502. Limotettix Sahlberg, 1871** (*Cicadellidae*)
- 503. Lindbergina Dlabola, 1958** (*Cicadellidae*)
- 504. Lineaspis MacGillivray, 1921** (*Diaspididae*)
- 505. Linnavuoriana Dlabola, 1958** (*Cicadellidae*)
- 506. Liometopum Mayr, 1861** (*Formicidae*)
- 507. Liorhyssus Stal, 1870** (*Rhopalidae*)
- 508. Lispe Latreille, 1796** (*Muscidae*)
- 509. Litus Haliday, 1833** (*Mymaridae*)
- 510. Lixus Fabricius, 1801** (*Curculionidae*)
- 511. Loboptera Brunner von Wattenwyl, 1865** (*Blattidae*)
- 512. Longicoccus Dantzig, 1975** (*Pseudococcidae*)
- 513. Lopholeucaspis Balachowsky, 1953** (*Diaspididae*)
- 514. Lophyridia Jeannel, 1946** (*Carabidae*)
- 515. Lydus Latreille, 1803** (*Meloidae*)
- 516. Lygaeosoma Spinola, 1837** (*Lygaeidae*)
- 517. Lygaeus Fabricius, 1794** (*Lygaeidae*)
- 518. Lyristes Horvath, 1926** (*Cicadidae*)
- 519. Lytta Fabricius, 1787** (*Meloidae*)
- 520. Maccavethus Amyot, 1846** (*Rhopalidae*)
- 521. Macrodiplosis Kieffer, 1895** (*Cecidomyiidae*)
- 522. Macroglenes Westwood, 1832** (*Pteromalidae*)
- 523. Macronemurus Costa, 1855** (*Myrmeleonidae*)
- 524. Macrophya Dahlbom, 1835** (*Tenthredinidae*)
- 525. Macropsidius Ribaut, 1952** (*Cicadellidae*)
- 526. Macropsis Lewis, 1834** (*Cicadellidae*)
- 527. Macrorileyia Ashmead, 1900** (*Eurytomidae*)
- 528. Macrosteles Fieber, 1866** (*Cicadellidae*)
- 529. Malenia Haupt, 1924** (*Derbidae*)
- 530. Manica Jurine, 1807** (*Formicidae*)
- 531. Mantis Linnaeus, 1767** (*Mantidae*)
- 532. Marchalina Vayssiere, 1925** (*Margarodidae*)
- 533. Marietta Motschoulsky, 1863** (*Aphelinidae*)
- 534. Marthamea Klapalek, 1907** (*Perlidae*)
- 535. Matsucoccus Cockerell, 1909** (*Margarodidae*)
- 536. Mayetiola Kieffer, 1896** (*Cecidomyiidae*)
- 537. Mayridia Mercet, 1921** (*Encyrtidae*)
- 538. Meenoplus Fieber, 1866** (*Meenoplidae*)
- 539. Megacephala Latreille, 1803** (*Carabidae*)
- 540. Megalonotus Fieber, 1860** (*Lygaeidae*)
- 541. Megastigmus Dalman, 1820** (*Torymidae*)
- 542. Megistopus Rambur, 1842** (*Myrmeleonidae*)
- 543. Megophthalmus Curtis, 1833** (*Cicadellidae*)
- 544. Melanaspis Cockerell, 1897** (*Diaspididae*)
- 545. Meloe Linnaeus, 1758** (*Meloidae*)
- 546. Mercetaspis Menor, 1927** (*Diaspididae*)
- 547. Merisus Walker, 1834** (*Pteromalidae*)
- 548. Mesagallia Zachvatkin, 1946** (*Cicadellidae*)
- 549. Mesonemurus Navas, 1919** (*Myrmeleonidae*)
- 550. Mesopolobus Westwood, 1833** (*Pteromalidae*)
- 551. Mesoptylus Matsumura, 1904** (*Cercopidae*)
- 552. Messor Forel, 1890** (*Formicidae*)
- 553. Metadenopus Sulc, 1933** (*Pseudococcidae*)
- 554. Metanotalia Mercet, 1921** (*Encyrtidae*)
- 555. Metaphycus Mercet, 1927** (*Encyrtidae*)
- 556. Micantulina (Mulsantina) Anufriev, 1970** (*Cicadellidae*)
- 557. Micantulina Anufriev, 1970** (*Cicadellidae*)
- 558. Micrococcopsis** (*Pseudococcidae*)
- 559. Micrococcus Leonardi, 1907** (*Micrococcidae*)
- 560. Microdontomerus Crawford, 1907** (*Torymidae*)
- 561. Microgaster Latreille, 1804** (*Braconidae*)
- 562. Microlarinus Hochhuth, 1847** (*Curculionidae*)
- 563. Microlycus Thomson, 1878** (*Eulophidae*)
- 564. Micrometrina Lindberg, 1948** (*Tettigometridae*)
- 565. Microterys Thomson, 1876** (*Encyrtidae*)
- 566. Mikiola Kieffer, 1896** (*Cecidomyiidae*)
- 567. Mikomya Kieffer, 1912** (*Cecidomyiidae*)
- 568. Miscogaster Walker, 1833** (*Pteromalidae*)
- 569. Mocuellus Ribaut, 1946** (*Cicadellidae*)
- 570. Mocydia Edwards, 1922** (*Cicadellidae*)
- 571. Mocydiopsis Ribaut, 1939** (*Cicadellidae*)
- 572. Mogangella Dlabola, 1957** (*Cicadellidae*)
- 573. Mohelnaspis Sulc, 1937** (*Diaspididae*)
- 574. Monarthropalpus Rübsaamen, 1892** (*Cecidomyiidae*)
- 575. Monodiscodes Hoffer, 1954** (*Encyrtidae*)
- 576. Monodontomerus Westwood, 1833** (*Torymidae*)
- 577. Monomorium Mayr, 1855** (*Formicidae*)
- 578. Monorthochaeta Blood & Kryger, 1928** (*Trichogrammatidae*)
- 579. Monosteira Costa, 1860** (*Tingidae*)

580. Muirodelphax Wagner, 1963
(Delphacidae)

581. Musca Linnaeus, 1758 (Muscidae)

582. Muzimes Aksentjev, 1988 (Meloidae)

583. Mycterodus (Compodoros)

Koçak, 1982 (Issidae)

584. Mycterodus (s.str.) Spinola, 1839
(Issidae)

585. Mycterodus Spinola, 1839 (Issidae)

586. Mylabris Fabricius, 1775 (Meloidae)

587. Myndus Stal, 1862 (Cixiidae)

588. Myriochile (Monelica) Rivalier, 1950
(Carabidae)

589. Myriochile (s.str.)

Motschulsky, 1862 (Carabidae)

590. Myriochile Motschulsky, 1862
(Carabidae)

591. Myrmecaelurus Costa, 1855
(Myrmeleonidae)

592. Myrmeleon (Morter) Navas, 1915
(Myrmeleonidae)

593. Myrmeleon Linnaeus, 1767
(Myrmeleonidae)

594. Myrmica Latreille, 1804 (Formicidae)

595. Myrmosa Latreille, 1796 (Mutillidae)

596. Nabis Latreille, 1802 (Nabidae)

597. Nacerdes (Xanthochroa)

W. Schmidt, 1846 (Oedemeridae)

598. Nacerdes (s.str.) Dejean, 1834
(Oedemeridae)

599. Nacerdes Dejean, 1834 (Oedemeridae)

600. Nala Zacher, 1910 (Labiduridae)

601. Nasonia Ashmead, 1904 (Pteromalidae)

602. Necremnus Thomson, 1878
(Eulophidae)

603. Nedroledon Navas, 1914
(Myrmeleonidae)

604. Nemognatha Illiger, 1807 (Meloidae)

605. Nemolecanium Borkhsenius, 1955
(Coccidae)

606. Nemoptera Latreille, 1802
(Nemopteridae)

607. Nemorius Rondani, 1856 (Tabanidae)

608. Nemotelus (s.str.) Geoffroy, 1762
(Stratiomyidae)

609. Nemotelus Geoffroy, 1762
(Stratiomyidae)

610. Nemoura Latreille, 1796 (Nemouridae)

611. Neoaliturus Distant, 1918 (Cicadellidae)

612. Neochalcis Kirby, 1883 (Chalcididae)

613. Neomargarodes Green, 1914
(Margarodidae)

614. Neophilaenus Haupt, 1935 (Cercopidae)

615. Neotrichoporoides Girault, 1913
(Eulophidae)

616. Neotrionymus Borkhsenius, 1948
(Pseudococcidae)

617. Nesoclutha Evans, 1947 (Cicadellidae)

618. Neuroleon Navas, 1909 (Myrmeleonidae)

619. Nidularia Targioni-Tozzetti, 1868
(Kermesidae)

620. Nipaecoccus Sulc, 1945 (Pseudococcidae)

621. Nisia Melichar, 1903 (Meenoplidae)

622. Nohoveus Navas, 1919 (Myrmeleonidae)

623. Norbanus Walker, 1843 (Pteromalidae)

624. Noterus Schellenberg, 1806 (Noteridae)

625. Nysius Dallas, 1852 (Lygaeidae)

626. Oceanaspidiotus Takagi, 1984
(Diaspididae)

627. Odeles Klausnitzer, 2004 (Scirtidae)

628. Odinadiplosis Mani, 1935
(Cecidomyiidae)

629. Odontomyia Meigen, 1803

(Stratiomyidae)

630. Odontotarsus Laporte, 1832
(Scutellaridae)

631. Oedemera (Oncomera)
Stephens, 1829 (Oedemeridae)

632. Oedemera (s.str.) Olivier, 1789
(Oedemeridae)

633. Oedemera Olivier, 1789 (Oedemeridae)

634. Oenas Latreille, 1802 (Meloidae)

635. Oliarus Stal, 1862 (Cixiidae)

636. Oligosita Walker, 1851
(Trichogrammatidae)

637. Oligotrophus Latreille, 1804

(Cecidomyiidae)

638. Ommatidiotus Spinola, 1839
(Caliscelidae)

639. Oncopsis Burmeister, 1838
(Cicadellidae)

640. Oncotylus Fieber, 1858 (Miridae)

641. Ooencyrtus Ashmead, 1900
(Encyrtidae)

642. Oomyzus Rondani, 1870 (Eulophidae)

643. Opilo Latreille, 1802 (Cleridae)

644. Oplodontha Rondani, 1863
(Stratiomyidae)

645. Opsimea Miller, 1880 (Oedemeridae)

646. Opsius Fieber, 1866 (Cicadellidae)

647. Orellia Robineau-Desvoidy, 1830
(Tephritidae)

648. Oreodytes Seidlitz, 1887 (Dytiscidae)

649. Ormyrus Westwood, 1832 (Ormyridae)

650. Orosius Distant, 1918 (Cicadellidae)

651. Orthezia Kriechbaumer, 1898
(Ortheziidae)

652. Osbornellus Ball, 1932 (Cicadellidae)

653. Osmia (Exosmia) Tkalcu, 1979
(Megachilidae)

654. Osmia (Tergosmia) Warncke, 1988
(Megachilidae)

655. Osmia Panzer, 1806 (Megachilidae)

656. Oxycarenus Fieber, 1837 (Lygaeidae)

657. Oxycera Meigen, 1803 (Stratiomyidae)

658. Oxyglypta Förster, 1856 (Pteromalidae)

659. Oxya Robineau-Desvoidy, 1830
(Tephritidae)

- 660. Oxyrhachis Germar, 1833**
(Membracidae)
- 661. Ozirhincus Rondani, 1840**
(Cecidomyiidae)
- 662. Pachycerus Schönherr, 1823**
(Curculionidae)
- 663. Pachycrepoideus Ashmead, 1904**
(Pteromalidae)
- 664. Pachygaster Meigen, 1803**
(Stratiomyidae)
- 665. Pachyneuron Walker, 1833**
(Pteromalidae)
- 666. Pachyprotasis Hartig, 1837**
(Tenthredinidae)
- 667. Palaeococcus Cockerell, 1894**
(Margarodidae)
- 668. Palaeolecanium Sulc, 1908** (Coccidae)
- 669. Palpares Rambur, 1842** (Myrmeleonidae)
- 670. Paluda DeLong, 1937** (Cicadellidae)
- 671. Pangonius (Melanopangonius) Szilady, 1923** (Tabanidae)
- 672. Pangonius (s.str.) Latreille, 1802**
(Tabanidae)
- 673. Pangonius Latreille, 1802** (Tabanidae)
- 674. Paradorydium Kirkaldy, 1901**
(Cicadellidae)
- 675. Paragnetina Klapalek, 1907** (Perlidae)
- 676. Paralimnellus Emeljanov, 1972**
(Cicadellidae)
- 677. Paralimnus Matsumura, 1902**
(Cicadellidae)
- 678. Paramesodes Ishihara, 1953**
(Cicadellidae)
- 679. Paramesus Fieber, 1866** (Cicadellidae)
- 680. Parasaissetia Takahashi, 1955**
(Coccidae)
- 681. Parasauleia Hoffer, 1968** (Encyrtidae)
- 682. Pareumenes Saussure, 1855** (Vespidae)
- 683. Parlatoreopsis Lindinger, 1912**
(Diaspididae)
- 684. Parlatoria Targioni-Tozzetti, 1868**
(Diaspididae)
- 685. Parthenolecanium Sulc, 1908**
(Coccidae)
- 686. Pediobius Walker, 1846** (Eulophidae)
- 687. Peliococcopsis Borkhsenius, 1948**
(Pseudococcidae)
- 688. Peliococcus Borkhsenius, 1948**
(Pseudococcidae)
- 689. Peltodytes Régimbart, 1879** (Halipidae)
- 690. Peltonotellus Puton, 1886** (Caliscelidae)
- 691. Pentacladia Westwood, 1835**
(Eupelmidae)
- 692. Pentacladocerus Erdös, 1963**
(Encyrtidae)
- 693. Pentastiridius Kirschbaum, 1868**
(Cixiidae)
- 694. Penthimia Germar, 1821** (Cicadellidae)
- 695. Perilampus Latreille, 1809**
(Perilampidae)
- 696. Periplaneta Burmeister, 1838**
(Blattidae)
- 697. Perkinsiella Kirkaldy, 1903**
(Delphacidae)
- 698. Perla Geoffroy, 1762** (Perlidae)
- 699. Perlodes Banks, 1903** (Perlodidae)
- 700. Phantia Fieber, 1866** (Flatidae)
- 701. Phaonia Robineau-Desvoidy, 1830**
(Muscidae)
- 702. Pheidole Westwood, 1840** (Formicidae)
- 703. Phenacoccus Cockerell, 1893**
(Pseudococcidae)
- 704. Philaenus Stal, 1864** (Cercopidae)
- 705. Philipomyia Olsufjev, 1964** (Tabanidae)
- 706. Philippia Targioni-Tozzetti, 1867**
(Coccidae)
- 707. Phlepsius Fieber, 1866** (Cicadellidae)
- 708. Phloiocopus Spinola, 1841** (Cleridae)
- 709. Phyllodromica Fieber, 1853** (Blattidae)
- 710. Physemoecis Rübsaamen, 1914**
(Cecidomyiidae)
- 711. Physokermes Targioni-Tozzetti, 1868** (Coccidae)
- 712. Pignatellus Navas, 1913** (Myrmeleonidae)
- 713. Pinnaspis Cockerell, 1892** (Diaspididae)
- 714. Piocoris Stal, 1872** (Lygaeidae)
- 715. Plagiolepis Mayr, 1861** (Formicidae)
- 716. Planaphrodes Hamilton, 1975**
(Cicadellidae)
- 717. Planchonia Signoret, 1870**
(Asterolecaniidae)
- 718. Planococcus Ferris, 1950**
(Pseudococcidae)
- 719. Platneptis Boucek, 1961** (Pteromalidae)
- 720. Platymetopius (Quernus) Dlabola, 1974** (Cicadellidae)
- 721. Platymetopius (s.str.) Burmeister, 1838** (Cicadellidae)
- 722. Platymetopius Burmeister, 1838**
(Cicadellidae)
- 723. Platynochaetus Westwood, 1837**
(Tetracampidae)
- 724. Platyleptus Ferriere, 1941**
(Eulophidae)
- 725. Platypygus Loew, 1844** (Mythicomyiidae)
- 726. Pnigalio Schrank, 1802** (Eulophidae)
- 727. Podagrion Spinola, 1811** (Torymidae)
- 728. Polistes Latreille, 1802** (Vespidae)
- 729. Pollinia Targioni-Tozzetti, 1868**
(Asterolecaniidae)
- 730. Polyphaga Brullé, 1835** (Polyphagidae)
- 731. Pontoperla Zwick, 1967** (Chloroperlidae)
- 732. Porphyrophora Brandt & Ratzeburg, 1833** (Margarodidae)
- 733. Probruggmanniella Möhn, 1961**
(Cecidomyiidae)
- 734. Proceps Mulsant & Rey, 1855**
(Cicadellidae)
- 735. Proconura Dodd, 1915** (Chalcididae)
- 736. Prodiaspis Young & Wang, 1984**
(Diaspididae)
- 737. Proformica Ruzsky, 1903** (Formicidae)

- 738. Pronotalia Grandwell, 1957** (Eulophidae)
739. Protapanteles Ashmead, 1898 (Braconidae)
740. Protonemura Kempny, 1898 (Nemouridae)
741. Psacasta Germar, 1839 (Scutellaridae)
742. Psammotettix Haupt, 1929 (Cicadellidae)
743. Pseudaraeopus Kirkaldy, 1904 (Delphacidae)
744. Pseudocatolaccus Masi, [1908] (Pteromalidae)
745. Pseudohermes Nitsche, 1895 (Eriococcidae)
746. Pseudococcobius Timberlake, 1916 (Encyrtidae)
747. Pseudococcus Westwood, 1840 (Pseudococcidae)
748. Pseudoligosita Girault, 1913 (Trichogrammatidae)
749. Pseudophotopsis André, 1896 (Mutillidae)
750. Pseudotorymus Masi, 1922 (Torymidae)
751. Psilocera Walker, 1833 (Pteromalidae)
752. Psilochalcis Kieffer, 1905 (Chalcididae)
753. Psilonotus Walker, 1834 (Pteromalidae)
754. Psilophrys Mayr, 1875 (Encyrtidae)
755. Psychopagus Mayr, 1904 (Pteromalidae)
756. Psyllaepagus Ashmead, 1900 (Encyrtidae)
757. Pterandrophysalis Nowicki, 1935 (Trichogrammatidae)
758. Pteromalus Swederus, 1795 (Pteromalidae)
759. Pteroptrix Westwood, 1833 (Aphelinidae)
760. Ptyngidricerus Van der Weele, 1909 (Ascalaphidae)
761. Puklina Graham, 1991 (Eulophidae)
762. Pulvinaria Targioni-Tozzetti, 1867 (Coccidae)
763. Pulvinariella Borkhsenius, 1953 (Coccidae)
764. Puto Signoret, 1876 (Pseudococcidae)
765. Pyrrhocoris Fallén, 1814 (Pyrrhocoridae)
766. Quadrastylum Dlabola, 1979 (Issidae)
767. Ranissus Fieber, 1866 (Dictyopharidae)
768. Rantus Dejean, 1833 (Dytiscidae)
769. Raphidia (Magnoraphidia) Aspöck & Aspöck, 1968 (Raphidiidae)
770. Raphidia (Turcoraphidia) Aspöck & Aspöck, 1968 (Raphidiidae)
771. Raphidia (s.str.) Linnaeus, 1758 (Raphidiidae)
772. Raphidia Linnaeus, 1758 (Raphidiidae)
773. Ratzeburgiola Erdös, 1958 (Eulophidae)
774. Recilia Edwards, 1922 (Cicadellidae)
775. Reduvius Fabricius, 1775 (Reduviidae)
776. Reptalus (Trepalus) Emeljanov, 1995 (Cixiidae)
777. Reptalus (s.str.) Emeljanov, 1971 (Cixiidae)
778. Reptalus Emeljanov, 1971 (Cixiidae)
779. Resseliella Seitner, 1906 (Cecidomyiidae)
780. Rhabdophaga Westwood, 1847 (Cecidomyiidae)
781. Rhagio Fabricius, 1775 (Rhagionidae)
782. Rhagoletis Loew, 1862 (Tephritidae)
783. Rhaphitelus Walker, 1834 (Pteromalidae)
784. Rhicnopelte Förster, 1878 (Eulophidae)
785. Rhinocyllus Germar, 1817 (Curculionidae)
786. Rhizaspidiotus MacGillivray, 1921 (Diaspididae)
787. Rhizopulvinaria Borkhsenius, 1952 (Coccidae)
788. Rhodania Goux, 1934 (Pseudococcidae)
789. Rhodococcus Borkhsenius, 1953 (Coccidae)
790. Rhogogaster Konow, 1884 (Tenthredinidae)
791. Rhopalicus Förster, 1856 (Pteromalidae)
792. Rhopalomyia Rübsaamen, 1892 (Cecidomyiidae)
793. Rhopalus Schilling, 1827 (Rhopalidae)
794. Rhopus Förster, 1856 (Encyrtidae)
795. Rhynchium Spinola, 1806 (Vespidae)
796. Rhynocoris Hahn, 1833 (Reduviidae)
797. Rhytidodus Fieber, 1868 (Cicadellidae)
798. Ricania Germar, 1818 (Ricaniidae)
799. Rileyia Ashmead, 1888 (Eurytomidae)
800. Rippersiella Tinsley, 1899 (Pseudococcidae)
801. Rivetina Berland & Chopard, 1922 (Mantidae)
802. Roptrocercus Ratzeburg, 1848 (Pteromalidae)
803. Saissetia Déplanche, 1858 (Coccidae)
804. Salicicola Lindinger, 1906 (Diaspididae)
805. Sargus Fabricius, 1798 (Stratiomyidae)
806. Sathon Mason, 1981 (Braconidae)
807. Scarodytes Des Gozis, 1914 (Dytiscidae)
808. Schizonotus Ratzeburg, 1852 (Pteromalidae)
809. Sciapteryx Stephens, 1835 (Tenthredinidae)
810. Sciocoris Fallén, 1829 (Pentatomidae)
811. Scoliophthalmus Becker, 1903 (Chloropidae)
812. Scorlupella Emeljanov, 1971 (Issidae)
813. Scutellista Motschulsky, [1860] (Pteromalidae)
814. Scythia Kiritshenko, 1938 (Coccidae)
815. Selenocephalus Germar, 1833 (Cicadellidae)
816. Semielacher Boucek, 1988 (Eulophidae)
817. Setapius Dlabola, 1988 (Cixiidae)

818. **Shelfordella Adelung, 1910** (*Blattidae*)
 819. **Sialis Latreille, 1803** (*Sialidae*)
 820. **Sigmophora Rondani, 1867** (*Eulophidae*)
 821. **Silvius (Heterosilvius) Olsufjev, 1970** (*Tabanidae*)
 822. **Silvius Meigen, 1830** (*Tabanidae*)
 823. **Siphonoperla Zwick, 1967** (*Chloroperlidae*)
 824. **Sogatella Fennah, 1956** (*Delphacidae*)
 825. **Solva Walker, 1860** (*Xylomyiidae*)
 826. **Spalangia Latreille, 1804** (*Pteromalidae*)
 827. **Sparedrus Dejean, 1821** (*Oedemeridae*)
 828. **Sphaerolecanium Sulc, 1908** (*Coccidae*)
 829. **Sphegigaster Spinola, 1811** (*Pteromalidae*)
 830. **Sphenella Robineau-Desvoidy, 1830** (*Tephritidae*)
 831. **Spilococcus Ferris, 1950** (*Pseudococcidae*)
 832. **Spilogona Schnabl, 1911** (*Muscidae*)
 833. **Spilostethus Stal, 1868** (*Lygaeidae*)
 834. **Spinococcus Kiritchenko, 1930** (*Pseudococcidae*)
 835. **Spintherus Thomson, 1878** (*Pteromalidae*)
 836. **Stryphophagus Ashmead, 1900** (*Encyrtidae*)
 837. **Stegelytra Mulsant & Rey, 1855** (*Cicadellidae*)
 838. **Stenodera Eschscholtz, 1818** (*Meloidae*)
 839. **Stenomalina Ghesquière, 1946** (*Pteromalidae*)
 840. **Stenometopiellus Haupt, 1917** (*Cicadellidae*)
 841. **Stenoria Mulsant, 1857** (*Meloidae*)
 842. **Stephanodes Enock, 1909** (*Mymaridae*)
 843. **Stictocoris Thomson, 1869** (*Cicadellidae*)
 844. **Stictopleurus Stal, 1872** (*Rhopalidae*)
 845. **Stonemyia Brennan, 1935** (*Tabanidae*)
 846. **Stratiomys Geoffroy, 1762** (*Stratiomyidae*)
 847. **Streptanus Ribaut, 1942** (*Cicadellidae*)
 848. **Stymphalus Stal, 1866** (*Cicadellidae*)
 849. **Sulamicerus Dlabola, 1974** (*Cicadellidae*)
 850. **Sycophila Walker, 1871** (*Eurytomidae*)
 851. **Sympiesis Förster, 1856** (*Eulophidae*)
 852. **Synophyropsis Haupt, 1926** (*Cicadellidae*)
 853. **Syntomopus Walker, 1833** (*Pteromalidae*)
 854. **Syriolytta Kaszab, 1962** (*Meloidae*)
 855. **Syromastus Berthold, 1827** (*Coreidae*)
 856. **Systasis Walker, 1834** (*Pteromalidae*)
 857. **Systole Walker, 1832** (*Eurytomidae*)
 858. **Tabanus Linnaeus, 1758** (*Tabanidae*)
 859. **Tachycixius Wagner, 1939** (*Cixiidae*)
 860. **Tamaricella Zachvatkin, 1946** (*Cicadellidae*)
 861. **Tapinoma Förster, 1850** (*Formicidae*)
 862. **Targionia Signoret, 1869** (*Diaspididae*)
 863. **Taxomyia Rübsaamen, 1912** (*Cecidomyiidae*)
 864. **Tenthredo Linnaeus, 1758** (*Tenthredinidae*)
 865. **Tenthredopsis Costa, 1859** (*Tenthredinidae*)
 866. **Tephritis Latreille, 1804** (*Tephritidae*)
 867. **Tephritomyia Hendel, 1927** (*Tephritidae*)
 868. **Teratolytta Semenov, 1894** (*Meloidae*)
 869. **Terellia Robineau-Desvoidy, 1830** (*Tephritidae*)
 870. **Tetartostylus Wagner, 1951** (*Cicadellidae*)
 871. **Tetracnemus Westwood, 1837** (*Encyrtidae*)
 872. **Tetramesa Walker, 1848** (*Eurytomidae*)
 873. **Tetramorium Mayr, 1855** (*Formicidae*)
 874. **Tetrastichus Walker, 1842** (*Eulophidae*)
 875. **Tettigometra (Hystriogonia) Emelyanov, 1980** (*Tettigometridae*)
 876. **Tettigometra (Metroplaca) Emelyanov, 1980** (*Tettigometridae*)
 877. **Tettigometra (Mitricephalus) Signoret, 1866** (*Tettigometridae*)
 878. **Tettigometra (Stirometra) Emelyanov, 1980** (*Tettigometridae*)
 879. **Tettigometra (s.str.) Latreille, 1804** (*Tettigometridae*)
 880. **Tettigometra Latreille, 1804** (*Tettigometridae*)
 881. **Thamnotettix (Loepotettix) Ribaut, 1942** (*Cicadellidae*)
 882. **Thamnotettix (s.str.) Zetterstedt, 1840** (*Cicadellidae*)
 883. **Thamnotettix Zetterstedt, 1840** (*Cicadellidae*)
 884. **Thecodiplosis Kieffer, 1895** (*Cecidomyiidae*)
 885. **Theocolax Westwood, 1832** (*Pteromalidae*)
 886. **Therioplectes Zeller, 1842** (*Tabanidae*)
 887. **Thinodytes Graham, 1956** (*Pteromalidae*)
 888. **Thricops Rondani, 1856** (*Muscidae*)
 889. **Thysanus Walker, 1839** (*Signiphoridae*)
 890. **Tilloidea Laporte, 1832** (*Cleridae*)
 891. **Tillus Olivier, 1790** (*Cleridae*)
 892. **Tomicobia Ashmead, 1899** (*Pteromalidae*)
 893. **Torymoides Walker, 1871** (*Torymidae*)
 894. **Torymus Dalman, 1820** (*Torymidae*)
 895. **Toya Distant, 1906** (*Delphacidae*)
 896. **Trabutina Marchal, 1905** (*Pseudococcidae*)
 897. **Trechnites Thomson, 1876** (*Encyrtidae*)

- 898. Tremulicerus Dlabola, 1974** (Cicadellidae)
899. Trichodes Herbst, 1792 (Cleridae)
900. Trichogramma Westwood, 1833 (Trichogrammatidae)
901. Trichomalopsis Crawford, 1913 (Pteromalidae)
902. Trichomalus Thomson, 1878 (Pteromalidae)
903. Trichomasthus Thomson, 1876 (Encyrtidae)
904. Trichomeloe Reitter, 1911 (Meloidae)
905. Triecphorella Nast, 1933 (Cercopidae)
906. Trionymus Berg, 1899 (Pseudococcidae)
907. Trjapitzinia Dzhankmen, 1975 (Pteromalidae)
908. Tropidocephala Stal, 1853 (Delphacidae)
909. Trupanea Schrank, 1795 (Tephritidae)
910. Trypetimorpha A. Costa, 1862 (Tropiduchidae)
911. Tshurtshurnella Kusnezov, 1927 (Issidae)
912. Ufens Girault, 1911 (Trichogrammatidae)
913. Ufensia Girault, 1913 (Trichogrammatidae)
914. Unaspis MacGillivray, 1921 (Diaspididae)
915. Unkanodes Fennah, 1956 (Delphacidae)
916. Urophora Robineau-Desvoidy, 1830 (Tephritidae)
917. Uscana Girault, 1911 (Trichogrammatidae)
- 918. Utecha Emeljanov, 1996** (Cicadellidae)
919. Ventocoris Hahn, 1834 (Pentatomidae)
920. Verdanus Oman, 1949 (Cicadellidae)
921. Vespa Linnaeus, 1758 (Vespidae)
922. Vespa Thomson, 1869 (Vespidae)
923. Viridicerus Dlabola, 1974 (Cicadellidae)
924. Wachtliella Rübsaamen, 1915 (Cecidomyiidae)
925. Webbsonianus Dlabola, 1983 (Issidae)
926. Wichmannia Ruschka, 1916 (Eulophidae)
927. Xanthochroina Ganglbauer, 1881 (Oedemeridae)
928. Xestocephalus Van Duzee, 1892 (Cicadellidae)
929. Xylomya Rondani, 1861 (Xylomyidae)
930. Xyphosia Robineau-Desvoidy, 1830 (Tephritidae)
931. Zaomma Ashmead, 1900 (Encyrtidae)
932. Zercanus Dlabola, 1965 (Cicadellidae)
933. Zonitis Fabricius, 1775 (Meloidae)
934. Zyгина (s.str.) Fieber, 1866 (Cicadellidae)
935. Zyгина Fieber, 1866 (Cicadellidae)
936. Zyginella Loew, 1885 (Cicadellidae)
937. Zyginidia (Anatolidia) Zachvatkin, 1937 (Cicadellidae)
938. Zygiobia Kieffer, 1913 (Cecidomyiidae)

Announcement 2



Now Available !

Kemal, M., 2008, *Dancing behaviours of an unknown "Pith Moth" species in North Thailand (Lepidoptera, Cosmopterigidae)*.
 Iconographia Insectorum (Series A),
 Documentary video
 records in nature for scientific purpose.
 mpeg2 format, 11 minutes 54 seconds.

A Cesa Production
 [date of publication: 23 November, 2008]

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Announcement 3

New Publications by the Cesa:

Cent. ent. Stud., Misc. Pap. 145: 1-12 [date of publication 15 December 2008]

Nomenclatural notes on the genus group names of the order Acarina

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: Nomenclatural notes on the genus-group names of the order Acarina. *Cent. ent. Stud., Misc. Pap.* 145: 1-6.

These nomenclatural notes deal with the homonymy of 15 genus-group names of the 13 Acari families, *Ascidae*, *Diarthrophallidae*, *Diptilomiopidae*, *Eriophyidae*, *Halacaridae*, *Holothyridae*, *Phytoptidae*, *Syringobiidae*, *Tarsonemidae*, *Tetranychidae*, *Walchiidae*, *Xenocaligonellidae*, and *Zerconidae*. The proposed replacement names are: *Kandilia* **nom. nov.** (subgenus), *Africola* **nom. nov.**, *Taiwanocesa* **nom. nov.**, *Eriophycesa* **nom. nov.**, *Thaicesa* **nom. nov.**, *Makarovana* **nom. nov.**, *Acaricesa* **nom. nov.**, *Orienticesa* **nom. nov.**, *Dabertina* **nom. nov.**, *Arizonia* **nom. nov.**, *Augeriflechtmannia* **nom. nov.**, *Suzukicesa* **nom. nov.** (subgenus), *Indonesia* **nom. nov.**, *Henzua* **nom. nov.**, and *Blaszakia* **nom. nov.** Necessary combinations are proposed as follows: *Neojordensia* (*Kandilia*) *asetosa* Kandil, 1979 (**comb.n.**); *Africola clypeolus* (Schuster & Summers, 1978) (**comb.n.**); *Africola amnoni* (Haitlinger, 2001) (**comb.n.**) [Cameroon]; *Africola asperatus* Schuster & Summers, 1978 (**comb.n.**) [Africa]; *Taiwanocesa lanyuensis* (Huang, 2001) (**comb.n.**) [Taiwan]; *Eriophycesa yubima* (Huang, 1996) (**comb.n.**); *Thaicesa eugeniae* (Boczek, 1996) (**comb.n.**) [Thailand]; *Makarovana hirsutus* (Makarova, 1978) (**comb.n.**) [Russia]; *Acaricesa longipes* (Thorell 1882) (**comb.n.**) [Papua New Guinea]; *Acaricesa mendi* (Lehtinen, 1995) (**comb.n.**) [Papua New Guinea]; *Acaricesa berlesei* (Lehtinen, 1995) (**comb.n.**) [Papua New Guinea]; *Setoptus* (*Orienticesa*) *thunbergi* Hong, 1988 (**comb.n.**); *Setoptus* (*Orienticesa*) *inaequalis* Huang, 1996 (**comb.n.**); *Setoptus* (*Orienticesa*) *inusitatus* Boczek, 1996 (**comb.n.**) [Taiwan]; *Setoptus* (*Orienticesa*) *undatus* Boczek, 1996 (**comb.n.**) [Taiwan]; *Setoptus* (*Orienticesa*) *viator* (Flechtmann & Navia, 1998) (**comb.n.**); *Dabertina africana* (Gaud, 1976) (**comb.n.**) [Africa]; *Arizonia arizonica* (Magowski, Lindquist & Moser, 2005) (**comb.n.**) [U.S.A. Arizona]; *Augeriflechtmannia jeridi* (Auger & Flechtmann, 2003) (**comb.n.**) [Tunisia]; *Augeriflechtmannia penisinuus* (Auger & Flechtmann, 2003) (**comb.n.**) [Tunisia]; *Ripiaspichia* (*Suzukicesa*) *sawaii* (Suzuki, 1975) (**comb.n.**); *Ripiaspichia* (*Suzukicesa*) *khunyingi* (Suzuki, 1975) (**comb.n.**); *Ripiaspichia* (*Suzukicesa*) *hayashi* (Suzuki, 1975) (**comb.n.**); *Indonesia chani* (Nadchatram, 1989) (**comb.n.**) [Indonesia]; *Indonesia parviseta* (Nadchatram, 1989) (**comb.n.**) [Indonesia]; *Henzua fukiensis* (Fan & Chen, 1996) (**comb.n.**) [China]; *Blaszakia pulcher* (Blaszak, 1984) (**comb.n.**) [U.S.A.].

Key words: *Ascidae*, *Diarthrophallidae*, *Diptilomiopidae*, *Eriophyidae*, *Halacaridae*, *Holothyridae*, *Phytoptidae*, *Syringobiidae*, *Tarsonemidae*, *Tetranychidae*, *Walchiidae*, *Xenocaligonellidae*, *Zerconidae*, *Acarina*, nomenclature, Africa, Cameroon, Tunisia, Asia, Thailand, Taiwan, Indonesia, Papua New Guinea, China, Russia, U.S.A., Arizona.

Nomenclatural notes on the genus group names of the families Pompilidae and Sphecidae (Hymenoptera)

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: Nomenclatural notes on the genus-group names of the families *Pompilidae* and *Sphecidae* (Hymenoptera). *Cent. ent. Stud., Misc. Pap.* 145: 6-7.

These nomenclatural notes deal with the homonymy of 2 genus-group names in the families *Pompilidae* and *Sphecidae* (Hymenoptera) from Taiwan and Papua New Guinea. The proposed replacement names are ***Formosacesa* nom. nov.** and ***Papuacesa* nom. nov.** The necessary nomenclatural combinations proposed are as follows: *Formosacesa formosana* (Tsuneki, 1989) (**comb.n.**) [Taiwan]; *Formosacesa rufotibialis* (Tsuneki, 1989) (**comb.n.**) [Taiwan]; *Podagrutis* (*Papuacesa*) *toxopeusi* Tsuneki, 1993 (**comb.n.**) [Papua New Guinea].

Key words: *Pompilidae*, *Sphecidae*, *Hymenoptera*, nomenclature, Taiwan, Papua New Guinea.

Tropicalia nom. nov., a replacement name for pre-occupied genus name from South America (Scarabaeidae, Coleoptera)

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: *Tropicalia* nom. nov., a replacement name for pre-occupied genus name from South America (*Scarabaeidae*, *Coleoptera*). *Cent. ent. Stud., Misc. Pap.* 145: 7-8.

This nomenclatural note deals with the homonymy of a genus-group name in the families *Scarabaeidae* (*Coleoptera*) from South America. The proposed replacement name is ***Tropicalia* nom. nov.** The necessary nomenclatural combination proposed is *Tropicalia velutinus* (Bates, 1887) (**comb.n.**).

Key words: *Scarabaeidae*, *Coleoptera*, nomenclature, South America.

Miscellaneous Nomenclatural Notes

Ahmet Ömer Koçak Muhabbet Kemal

[Nomenclatural changes were proposed under the following subtitles] 1- **Addenda & Corrigenda**, 2- *Kutlugia* nom. nov. in the family *Geometridae* (*Lepidoptera*), 3- Nomenclatural Changes in the Order *Mantodea* (*Insecta*).

Nomenclatural notes on some species group names in the family Asilidae (Diptera)

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: Nomenclatural notes on some species-group names in the family Asilidae (Diptera). *Cent. ent. Stud., Misc. Pap.* 145: 9-12. These nomenclatural notes deal with the homonymy of the species group names in the family Asilidae, found in various countries of the world. The proposed 28 are as follows: *Andrenosoma cubana* (**nom. nov.**) from Cuba, *Asilus mioceneus* (**nom. nov.**) from Croatia, *Asilus javanus* (**nom. nov.**) from Java, *Tolmerus turcicus* (**nom. nov.**) from Turkey and S.E.Europe, *Asilus brazilanus* (**nom. nov.**) from Brazil, *Dasypogon tasmanicus* (**nom. nov.**) from Tasmania, *Dasypogon australicus* (**nom. nov.**) from New Holland, *Dasypogon cubanus* (**nom. nov.**) from Cuba, *Epaphrodites gellergrimmii* (**nom. nov.**) from Indonesia, *Laphria shi* (**nom. nov.**) from China, *Leptogaster walkeri* (**nom. nov.**) from Indonesia, *Leptogaster africola* (**nom. nov.**) from Zaire, *Leptogaster theodori* (**nom. nov.**) from Jordan, *Ommatius mexicanus* (**nom. nov.**) from Mexico, *Ommatius philippinus* (**nom. nov.**) from Philippines and Indonesia, *Ommatius formosanus* (**nom. nov.**) from Taiwan, *Ommatius colombius* (**nom. nov.**) from Colombia, *Ommatius madagascariensis* (**nom. nov.**) from Madagascar, *Philonicus mexicanus* (**nom. nov.**) from Mexico, *Promachus pacificus* (**nom. nov.**) from Philippines, *Promachus mioceneus* (**nom. nov.**) from China, *Promachus oceanicus* (**nom. nov.**) from New Holland, *Promachus zimbabweus* (**nom. nov.**) from Zimbabwe, *Tolmerus muhabbet* (**nom. nov.**) from Turkey, *Cerdistus lehri* (**nom. nov.**) from Central Asia, *Heligmonevra tropicana* (**nom. nov.**) from Africa, *Machimus lehri* (**nom. nov.**) from Russia, *Machimus nearcticus* (**nom. nov.**) from U.S.A. and Mexico, *Proctacanthella cesa* (**nom. nov.**) from U.S.A. and Mexico. The name *Habropogon heteroneurus* Timon & David, 1951 is proposed as valid name for the taxon.

Key words: Asilidae, Diptera, species, nomenclature.

**Announcement 4****The forthcoming electronical publications of the Cesa**

Taking the recent progresses on the electronical publications in the Zoology (see ICZN- *Zootaxa* 1908: 57-67, 17 October, 2008) into consideration, the status of the scientific serials and other publications of the Cesa should be updated.

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